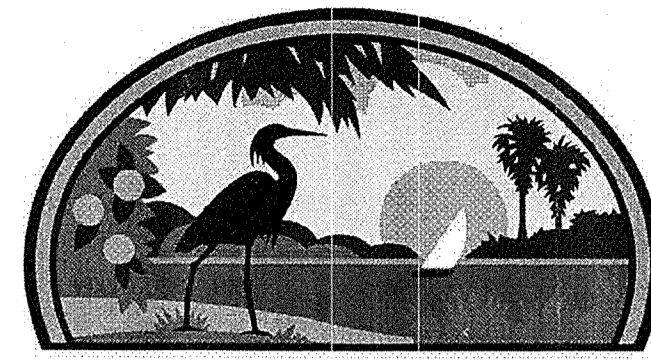


NORTH SHORE OVERLOOK & TRAILHEAD



LAKE COUNTY FLORIDA

FINANCIAL PROJECT # 431435-1-58-01
(FEDERAL FUNDS) FAN#8886-131A

100% CONSTRUCTION DOCUMENTS JANUARY, 2013

OWNER: ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
PO BOX 1429
PALATKA, FL 32178
(386) 329-4500

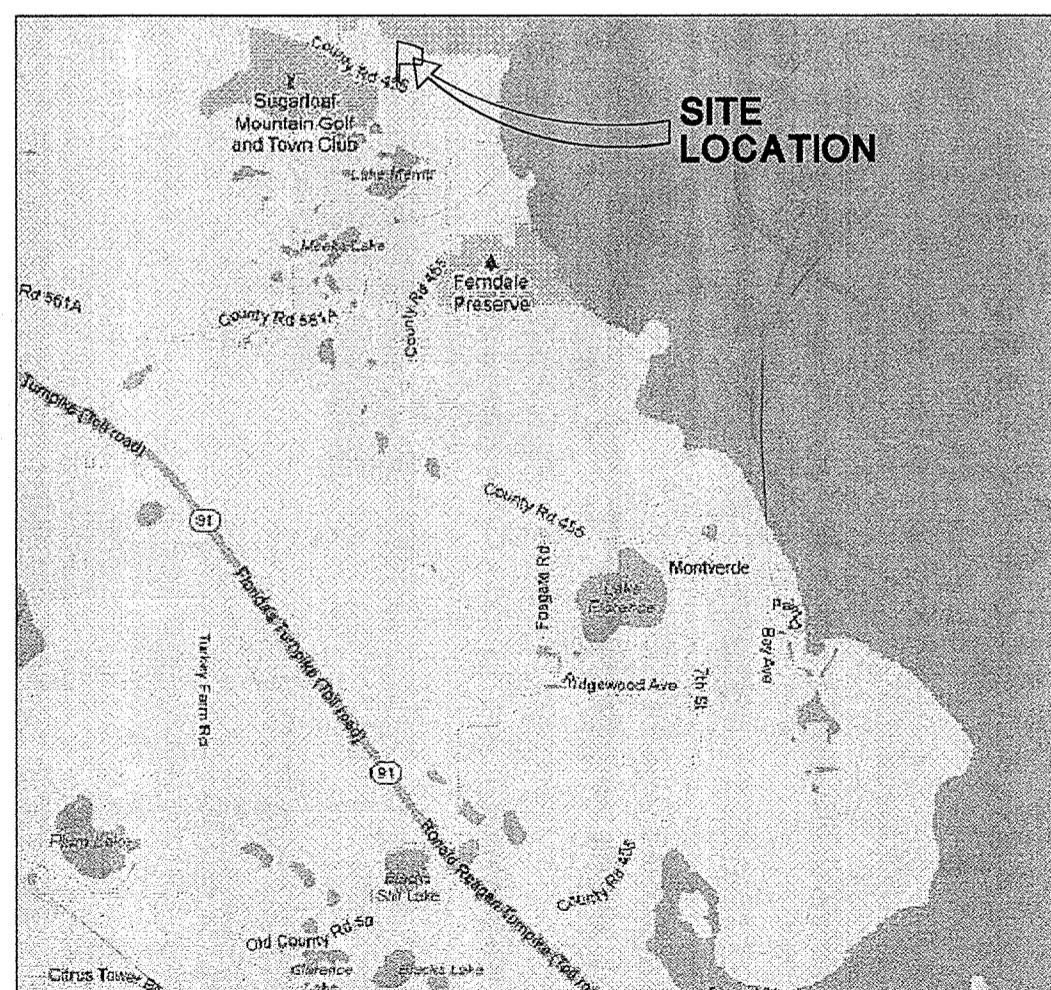
LAKE COUNTY COMMISSIONERS:
DISTRICT 1: TIMOTHY I. SULLIVAN
DISTRICT 2: SEAN M. PARKS
DISTRICT 3: JIMMY CONNER
DISTRICT 4: LESLIE CAMPIONE
DISTRICT 5: WELTON G. CADWELL

DEPARTMENT OF PUBLIC RESOURCES:
PARKS & TRAILS DIVISION
12929 COUNTY LANDFILL ROAD
TAVARES, FL 332778

PHONE: 352-742-3862



SOILS MAP
LAKE SAND, 0 TO 5 PERCENT SLOPES
CANDLER SAND, 12 TO 40 PERCENT SLOPES



LOCATION MAP (1"=5000'-0")
PARCEL ID NUMBER: 212126000100000100
SEC. 21, TWP. 21S., RNG. 26E.

SITE AREA
368,775 S.F.
8.46 ACRES



48 HOURS BEFORE YOU DIG
CALL SUNSHINE
1-800-432-4770
IT'S THE LAW IN FLORIDA
FL STATUTE 553.851 (1979) REQUIRES
MIN. OF 2 DAYS AND MAX. OF 5 DAYS
NOTICE BEFORE YOU EXCAVATE.

THESE PLANS COMPLY WITH ALL APPLICABLE STANDARDS,
INCLUDING THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR
DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND
HIGHWAYS.

THESE PLANS ARE IN COMPLIANCE WITH THE 2010 ADA
STANDARDS FOR ACCESSIBLE DESIGN.

ATTENTION:
A Knox Fire Department Access System Gate Key Switch Is
Required For Electronically Operated Gates.
A Knox Fire Department Access System padlock is required
for free swinging gates.
An Application For Knox Fire Department Access System
Devices Can Be Obtained From Lake County Fire Rescue At
352-343-9458.
#3

PLANS FOR INSPECTORS
USE ONLY
MUST BE ON JOB SITE
DURING INSPECTION

Building approved 11/10/12
Electric 11/10/12
Fire 11/10/12

LAKE COUNTY BUILDING DIVISION
Any errors or omissions in these plans shall be
made to conform with the applicable code
requirements per Florida Building Code section
105.4.1. Plans were reviewed for code
compliance and shall be kept on job site.

Mech MR
Plbg MR

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E0.1	ELECTRICAL NOTES & LEGEND
E1.0	SITE PLAN ELECTRICAL
LA-1	LANDSCAPE PLAN



618 East South Street, Suite 600
Orlando, Florida 32801
tel 407 422 4845
fax 407 422 0699

NORTH SHORE OVERLOOK & TRAILHEAD

LAKE COUNTY, FL COVER SHEET

CONSULTANT:

REVISIONS:

09/28/12 Review Comments

SCALE	
DATE	11/01/2012
PROJECT #	12.111.00
DESIGNED	RP/MH
CHECKED	FB
SEAL	

RECEIVED APR 08 2013

SHEET

CV-1

2013040111

APR 04 2013

PARTIAL BOUNDARY & TOPOGRAPHIC SURVEY

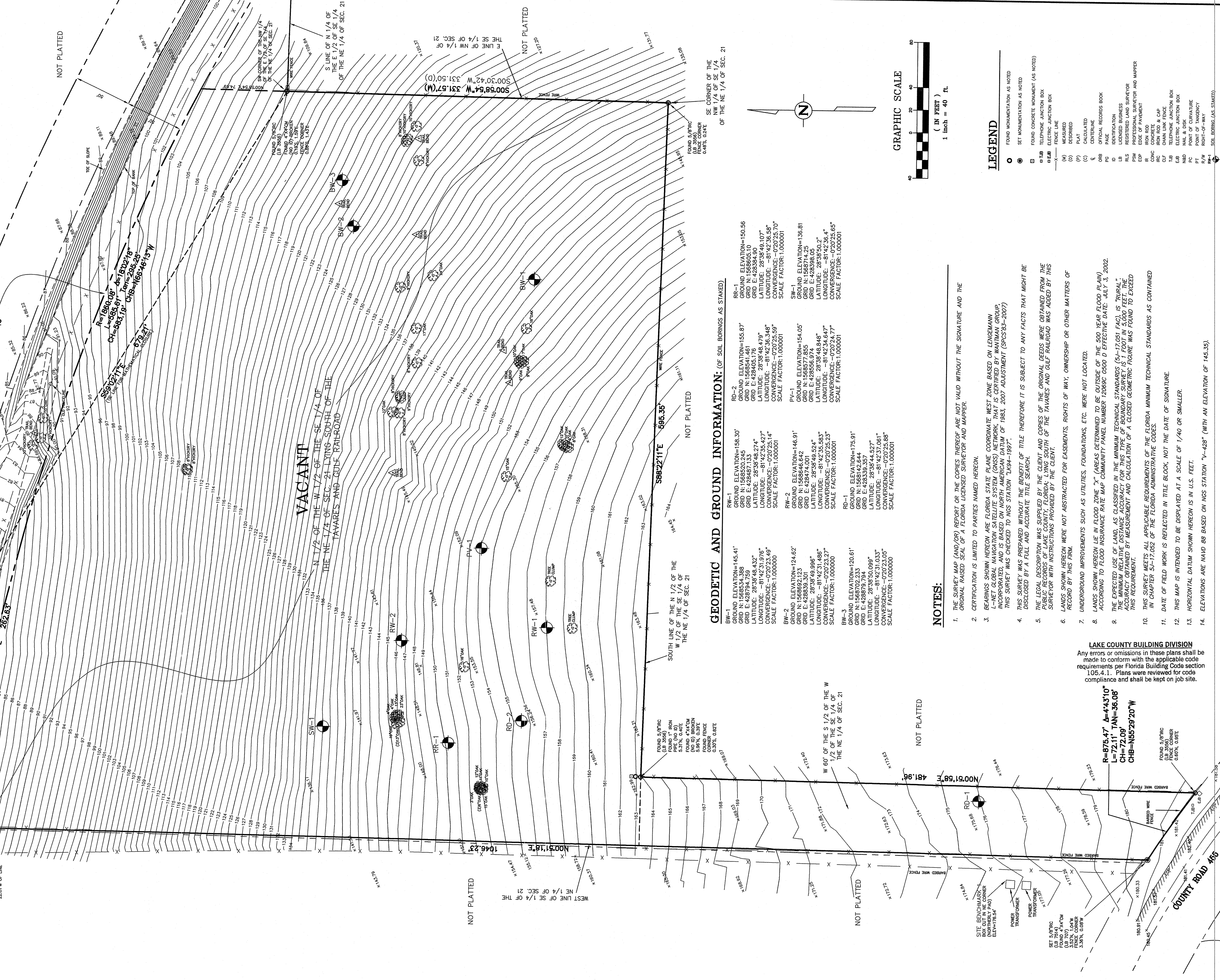
PROPOSED NORTHSHORE OVERLOOK TRAILHEAD PARK

SECTION 21 - TOWNSHIP 21 SOUTH - RANGE 26 EAST
LAKE COUNTY, FLORIDA

LEGAL DESCRIPTION

ALL OF THE FRACTIONAL SECTION 23, TOWNSHIP 21 SOUTH, RANGE 26 EAST, AND NORTH 1/2 OF NORTHEAST 1/4 NORTH OF THE RIGHT-OF-WAY OF THE TAVARES AND GULF RAILROAD AND THE EAST 1/2 OF SOUTHEAST 1/4 OF NORTHWEST 1/4 AND NORTH 1/2 OF WEST 1/2 OF SOUTHEAST 1/4 OF NORTHWEST 1/4 SUBJECT TO THE RIGHT-OF-WAY OF THE TAVARES AND GULF RAILROAD AND THE ROAD 60 FEET OF SOUTH 1/2 OF WEST 1/2 OF SOUTHEAST 1/4 OF NORTHWEST 1/4, NORTH OF STATE ROAD 463, ALL IN SECTION 21, TOWNSHIP 21 SOUTH, RANGE 26 EAST, LAKE COUNTY FLORIDA, LYING SOUTH OF TAVARES AND GULF RAILROAD AND WEST OF THE EAST LINE OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 21, TOWNSHIP 21 SOUTH, RANGE 26 EAST.

RIGHT-OF-WAY AND TRACK MAP 1713-FLA L-1 3, DATED NOV. 15, 1917 SHOWING TAVARES AND GULF RAILROAD AS SHOWN ON THE STATIONS 42+44 TO STATION 632+60.



GEODETIC AND GROUND INFORMATION: (OF SOIL BORINGS AS STAKED)

- RW-1 GROUND ELEVATION=145.41'
GRID N: 156654.388
GRID E: 428487.133
LATITUDE: 28°38'48.274"
LONGITUDE: -81°42'35.427"
CONVERGENCE: -0°20'23.48"
SCALE FACTOR: 1.000000
- RW-2 GROUND ELEVATION=124.62'
GRID N: 1566892.123
GRID E: 428584.996
LATITUDE: 28°38'48.996"
LONGITUDE: -81°42'31.486"
CONVERGENCE: -0°20'23.227"
SCALE FACTOR: 1.000000
- RW-3 GROUND ELEVATION=120.61'
GRID N: 1568312.644
GRID E: 428579.783
LATITUDE: 28°38'50.099"
LONGITUDE: -81°42'31.033"
CONVERGENCE: -0°20'25.88"
SCALE FACTOR: 1.000000
- RW-4 GROUND ELEVATION=158.30'
GRID N: 156654.461
GRID E: 428487.133
LATITUDE: 28°38'48.274"
LONGITUDE: -81°42'35.427"
CONVERGENCE: -0°20'23.48"
SCALE FACTOR: 1.000000
- RW-5 GROUND ELEVATION=155.87'
GRID N: 156654.461
GRID E: 428487.133
LATITUDE: 28°38'48.274"
LONGITUDE: -81°42'35.427"
CONVERGENCE: -0°20'23.48"
SCALE FACTOR: 1.000000
- PV-1 GROUND ELEVATION=146.91'
GRID N: 1568646.642
GRID E: 428584.996
LATITUDE: 28°38'48.996"
LONGITUDE: -81°42'31.486"
CONVERGENCE: -0°20'23.227"
SCALE FACTOR: 1.000000
- PV-2 GROUND ELEVATION=154.05'
GRID N: 1568646.642
GRID E: 428584.996
LATITUDE: 28°38'48.996"
LONGITUDE: -81°42'31.486"
CONVERGENCE: -0°20'23.227"
SCALE FACTOR: 1.000000
- PV-3 GROUND ELEVATION=175.91'
GRID N: 1568312.644
GRID E: 428579.783
LATITUDE: 28°38'50.099"
LONGITUDE: -81°42'31.033"
CONVERGENCE: -0°20'25.88"
SCALE FACTOR: 1.000000
- RS-1 GROUND ELEVATION=150.56'
GRID N: 1566803.10
GRID E: 428384.90
LATITUDE: 28°38'48.90"
LONGITUDE: -81°42'38.58"
CONVERGENCE: -0°20'25.70"
SCALE FACTOR: 1.000000
- RS-2 GROUND ELEVATION=136.81'
GRID N: 1568646.642
GRID E: 428584.996
LATITUDE: 28°38'48.996"
LONGITUDE: -81°42'31.486"
CONVERGENCE: -0°20'23.227"
SCALE FACTOR: 1.000000
- SW-1 GROUND ELEVATION=136.81'
GRID N: 1568646.642
GRID E: 428584.996
LATITUDE: 28°38'48.996"
LONGITUDE: -81°42'31.486"
CONVERGENCE: -0°20'23.227"
SCALE FACTOR: 1.000000

NOTES:

- THE SURVEY MAP (AND/OR) REPORT OR THE COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
- CERTIFICATION IS LIMITED TO PARTIES NAMED HEREON.
- BEARINGS SHOWN HEREON ARE FLORIDA STATE PLANE COORDINATE WEST ZONE BASED ON LINGENHANN INCORPORATED, AND IS BASED ON NORTH AMERICAN DATUM OF 1983, 2007 ADJUSTMENT (SPCS-83-2007). THIS SURVEY WAS CHECKED TO NGS STATION 17K94-1997.
- THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF TITLE THEREFORE IT IS SUBJECT TO ANY FACTS THAT MIGHT BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.
- THE LEGAL DESCRIPTION WAS SUPPLIED BY THE CLIENT AND COPIES OF THE ORIGINAL DEEDS WERE OBTAINED FROM THE PUBLIC RECORDS OF LAKE COUNTY, FLORIDA; LYING SOUTH OF THE TAVARES AND GULF RAILROAD WAS ADDED BY THIS SURVEYOR WITH INSTRUCTIONS PROVIDED BY THE CLIENT.
- LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR EASEMENTS, RIGHTS OF WAY, OWNERSHIP OR OTHER MATTERS OF RECORD BY THIS FIRM.
- UNDERGROUND IMPROVEMENTS SUCH AS UTILITIES, FOUNDATIONS, ETC. WERE NOT LOCATED.
- LANDS SHOWN HEREON LIE IN FLOOD ZONE "X" (AREAS DETERMINED TO BE OUTSIDE OF THE 500 YEAR FLOOD PLAIN) ACCORDING TO FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 12089C 0500 D EFFECTIVE DATE: JULY 3, 2002.
- THE EXPECTED USE OF LAND, AS CLASSIFIED IN THE MINIMUM TECHNICAL STANDARDS (S-17-051 FIG.) IS "TRAILHEAD". THE MINIMUM RELATIVE DISTANCE ACCURACY FOR THIS TYPE OF BOUNDARY SURVEY IS 1 FOOT IN 5,000 FEET. THE SURVEYOR SHALL BE RESPONSIBLE FOR MEASUREMENT AND CALCULATION OF A CLOSED GEOMETRIC FIGURE WAS FOUND TO EXCEED THIS REQUIREMENT.
- THIS SURVEY MEETS ALL APPLICABLE REQUIREMENTS OF THE FLORIDA MINIMUM TECHNICAL STANDARDS AS CONTAINED IN CHAPTER 301.102 OF THE FLORIDA ADMINISTRATIVE CODES.
- DATE OF FIELD WORK IS REFLECTED IN TITLE BLOCK, NOT THE DATE OF SIGNATURE.
- THIS MAP IS INTENDED TO BE DISPLAYED AT A SCALE OF 1/40 OR SMALLER.
- HORIZONTAL DATUM SHOWN HEREON IS IN U.S. FEET.
- ELEVATIONS ARE NAVD 88 BASED ON NGS STATION 17K94-1997 (WITH AN ELEVATION OF 145.35').

LAKE COUNTY BUILDING DIVISION
Any errors or omissions in these plans shall be the responsibility of the client and shall conform with the applicable code requirements per Florida Building Code section 105.4.1. Plans were reviewed for code compliance and shall be kept on job site.

R=875.47' Δ=44.310"
L=72.11' ΔAN=36.08'
CH=72.09'
CHB=N65°29'20"W

LEGEND

- FOUND MONUMENTATION AS NOTED
- SET MONUMENTATION AS NOTED
- FOUND CONCRETE MONUMENT (AS NOTED)
- ▣ TELEPHONE JUNCTION BOX
- ▤ ELECTRIC JUNCTION BOX
- ▥ MEASURED
- (M) CALCULATED
- (P) PLAT
- (C) CENTERLINE
- (R) RECORDS BOOK
- (D) IDENTIFICATION
- (L) LICENSED BUSINESS
- (PS) PROFESSIONAL SURVEYOR AND MAPPER
- (EOP) EDGE OF PAVEMENT
- (R) ROW ROAD
- (RC) ROW ROAD & CAP
- (CUP) CHAIN LINK FENCE
- (E) ELECTRIC JUNCTION BOX
- (N&D) NAIL & DISK
- (PC) POINT OF CURVATURE
- (P/W) RIGHT-OF-WAY
- (M-1) SOIL BORING (AS STAKED)

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

DATE	REVISION
June 15, 2012	1 Added borings RW-1 and RW-4
July 24, 2012	2 Added rebar for trees and trail beds
	3
	4
	5
	6
	7
	8

PARTIAL BOUNDARY &
TOPOGRAPHIC SURVEY
NORTHSHORE OVERLOOK
TRAILHEAD PARK
SECTION 21 - T21S - R26E
LAKE COUNTY, FLORIDA

Besish
BIOETHAN STRAUGHAN HOTTING
ENGINEERS • SURVEYORS • LAND PLANNERS
350 North Sinclair Ave.
Tavares, Florida 32778
Office: 352.343.8481
Fax: 352.343.8495
www.besish.com
LICENSED BUSINESS 7514

DATE: _____
JAMES M. STRAUGHAN, PROFESSIONAL SURVEYOR & MAPPER
FLORIDA REGISTRATION NO. 5309

DWG DATE:	05/18/12
DRAWN BY:	TRS/BKM
FIELD DATE:	05/09/12
FIELD BOOK:	20-21-26 II
CLIENT:	INWOOD CONSULTING
JOB NO.:	121012.0000
	121012_Trail_Head.dwg

RECEIVED APR 08 2013

GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION ACTIVITY FOR DIG PERMITS, ELECTRICAL PERMITS OR OTHER PERMITS AS APPLICABLE. CONTRACTOR SHALL COORDINATE FULLY WITH UTILITY COMPANIES ON EXACT LOCATION OF UNDERGROUND UTILITIES AND ANY UTILITY ADJUSTMENT REQUIRED. UTILITY COMPANIES SHALL BE NOTIFIED A MINIMUM OF THREE WORKING DAYS PRIOR TO EXCAVATION.
2. THE LOCATIONS OF EXISTING UTILITIES AND SUBSURFACE INFORMATION FOR THIS PROJECT WAS OBTAINED FOR DESIGN PURPOSES AND MAY NOT BE AN ADEQUATE REPRESENTATION OF ACTUAL CONDITIONS FOR PROJECT CONSTRUCTION. INFORMATION SHOWN INCLUDING UTILITIES AND DRAINAGE FEATURES ARE NOT TO BE CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS, CHARACTER AND NATURE OF ALL EXISTING AND PROPOSED UTILITIES PRIOR TO BEGINNING CONSTRUCTION AND PRIOR TO FABRICATION OF PIPING AND EQUIPMENT TO INSURE PROPER ASSEMBLY AT ALL TIMES.
3. ANY DIFFERING SITE CONDITIONS FROM THAT WHICH IS REPRESENTED HEREON, WHETHER ABOVE, ON OR BELOW THE SURFACE OF THE GROUND, SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER, IN WRITING WITHIN 48 HOURS OF DISCOVERY. NO CLAIM FOR EXPENSES INCURRED BY THE CONTRACTOR DUE TO SUCH DIFFERING CONDITIONS WILL BE ALLOWED IF HE OR SHE FAILS TO PROVIDE THE WRITTEN NOTIFICATION.
4. ALL MATERIALS, INSTALLATION AND TESTING SHALL BE IN ACCORDANCE WITH LAKE COUNTY AND THE 2013 FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. WHERE THE SPECIFICATIONS CONFLICT, THE MORE STRINGENT SPECIFICATION SHALL APPLY.
5. THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING AND BRACING REQUIRED TO PROTECT ADJACENT STRUCTURES AND UTILITIES OR MINIMIZE TRENCH WIDTH AS REQUIRED. SHEETING AND SHORING SHALL BE DESIGNED BY A STATE OF FLORIDA PROFESSIONAL ENGINEER RETAINED BY THE CONTRACTOR.
6. THE CONTRACTOR SHALL ENSURE THAT ALL REQUIRED CONSTRUCTION PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCING WORK.
7. ALL DEBRIS AND WASTE MATERIALS GENERATED BY CONSTRUCTION ACTIVITIES SHALL BE DISPOSED OFF-SITE IN A LEGAL MANNER AT AN APPROVED DISPOSAL FACILITY.
8. THE CONTRACTOR SHALL OBTAIN ANY AND ALL PERMITS REQUIRED FOR CONSTRUCTION WORK AND HAULING WASTE MATERIAL. ALL ASSOCIATED COSTS AND PERMIT FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
9. ANY PUBLIC LAND CORNER, WITHIN THE LIMITS OF CONSTRUCTION, IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING ALTERED AND HAS NOT YET BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT WITHOUT DELAY.
10. COORDINATE VALUES ARE BASED ON THE NAD 83 COORDINATE SYSTEM.
11. ALL REFERENCES TO PROPOSED CONSTRUCTION INDICATES CONSTRUCTION INCLUDED IN THIS CONTRACT.
12. ALL PIPING IS TO HAVE A MINIMUM OF THREE (3) FEET COVER UNLESS OTHERWISE NOTED ON PLANS.
13. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY STRIPING, TRAFFIC CONTROL AND SAFETY DEVICES IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, AND THE LATEST FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN STANDARDS.
14. MAINTENANCE OF TRAFFIC: ACCESS FOR LOCAL TRAFFIC SHALL BE MAINTAINED. IF DURING CONSTRUCTION, ACCESS FOR LOCAL TRAFFIC IS CHANGED, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE JURISDICTIONAL AGENCY A MINIMUM OF THREE (3) WORKING DAYS IN ADVANCE. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH INDEX NO. 600 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS 2013 AND THE LAKE COUNTY.
15. REFER TO THE 2013 FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS FOR CONSTRUCTION OF THE FOLLOWING:
 - TYPE 1 AND 2 CURB INLET (INDEX NO. 200, 201, 205, 210)
 - DITCH BOTTOM INLET - TYPE C (INDEX NO. 232)
 - TYPE D CURB (INDEX NO. 300)
 - TYPE E CURB & GUTTER (INDEX NO. 300)
 - TYPE F CURB & GUTTER (INDEX NO. 300)
 - CURB TRANSITION (INDEX NO. 300)
 - CURB RAMP (INDEX NO. 304)
 - STOP BAR (INDEX NO. 17346)
 - PAVEMENT STRIPING (INDEX NO. 17346)
 - SIGNS (INDEX NO. 11860, 17302, 17355)
 - CONDUIT (INDEX NO. 17721)
 - VEHICLE LOOP DETECTOR (INDEX NO. 17781)
 - CONTROLLER CABINET (INDEX NO. 17841)
16. ALL CONSTRUCTION ACTIVITIES OCCURRING WITHIN STREET RIGHT-OF-WAY SHALL CONFORM TO THE LAKE COUNTY CODE AND REQUIREMENTS.
17. CONTRACTOR SHALL UTILIZE "TOP-DOWN" CONSTRUCTION APPROACH TO MINIMIZE IMPACTS TO THE SITE AND NATIVE ANIMAL SPECIES.

GRADING AND DRAINAGE NOTES

1. CONTRACTOR SHALL VERIFY EXISTING TOPOGRAPHIC DATA, LOCATION OF EXISTING UTILITIES AND ALL OTHER SITE CONDITIONS PRIOR TO BEGINNING CONSTRUCTION.
2. ALL GRADES SHOWN, WITH THE EXCEPTION OF THOSE INDICATED ON THE SURVEY BASE DRAWING, ARE FINISHED GRADES UNLESS INDICATED OTHERWISE.
3. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE GRADED AS SHOWN. THE CONTRACTOR SHALL MAINTAIN ALL AREAS UNTIL FINAL ACCEPTANCE.
4. STORMWATER COLLECTION SYSTEM TO BE OWNED AND MAINTAINED BY THE LAKE COUNTY B.C.C.
5. POINTS SHOWN ON IN THE PLANS FOR DRAINAGE CURB INLETS HAVE BEEN SET AT THE CENTER OF THE STRUCTURE.

UTILITY NOTES

1. THE CONTRACTORS ATTENTION IS DIRECTED TO THE PROVISIONS OF THE TRENCH SAFETY ACT (FLORIDA STATUTES SECTION 553.60ET. SEQ.) AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION EXCAVATION SAFETY STANDARDS (29 C.F.R.) SECTION 1926.650, SUB-PART P) WHICH SHALL APPLY TO CONSTRUCTION, OPERATION AND MAINTENANCE PURSUANT TO THIS AGREEMENT.
2. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONSTRUCT HORIZONTAL AND VERTICAL TRANSITIONS OF MAINS AND OTHER CROSSING PIPELINES BY DEFLECTION OR PIPE JOINTS USING 75% OF THE MAXIMUM RECOMMENDED BY THE PIPE MANUFACTURER. SHOP DRAWINGS SHALL BE FURNISHED TO THE ENGINEER PRIOR TO FABRICATION OR DELIVER TO THE JOB SITE.
3. ALL JOINTS, WHERE REQUIRED, SHALL BE RESTRAINED IN ACCORDANCE WITH THE DRAWINGS, SPECIFIED IN APPLICABLE SECTIONS OF THE CONTRACT SPECIFICATIONS AND BY THE OWNER'S LATEST STANDARDS OF CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING AND SUPPORTING EXISTING UTILITIES DURING ALL CONSTRUCTION ACTIVITIES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE TO SATISFY THE REQUIREMENTS OF ALL REGULATORY AGENCIES, OWNER SPECIFICATIONS AND PERMITS IN REGARDS TO CONSTRUCTION ACTIVITIES AND RELATED CONDITIONS.
6. A MINIMUM DEPTH OF COVER FOR ALL PIPES SHALL BE 36 INCHES UNLESS OTHERWISE NOTED.

EROSION CONTROL NOTES

1. ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM TO STANDARDS OF LAKE COUNTY, FLORIDA AND THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.
2. EROSION AND SEDIMENT CONTROL MEASURES TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION ACTIVITIES.
3. SOIL MATERIALS FROM WORK ON THIS PROJECT SHALL BE CONTAINED ON-SITE AND NOT ALLOWED TO HYDRO-MECHANICALLY DISBURSE OFF-SITE.
4. DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR IN CONFORMITY TO AN APPROVED NPDES PERMIT. THE INTENT OF THESE DAILY INSPECTIONS IS TO DETERMINE THE EFFECTIVENESS OF THE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES. ANY NECESSARY REMEDIES SHALL BE PERFORMED WITHOUT DELAY.
5. ALL MUD, DIRT, OR OTHER MATERIALS, RELATED TO CONSTRUCTION ACTIVITIES FOR THIS SITE, THAT ARE TRACKED OR SPILLED ONTO EXISTING PONDS, PUBLIC OR PRIVATE ROADS OR OFF-SITE FACILITIES SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
6. ALL PERMANENT EROSION CONTROL MEASURES FOR SLOPES, CHANNELS AND DISTURBED SOIL AREAS SHALL BE INSTALLED PRIOR TO 15 CALENDAR DAYS FROM DAY OF FINAL GRADING.
7. ALL TEMPORARY PROTECTION MEASURES SHALL BE MAINTAINED UNTIL PERMANENT MEASURES ARE CONSTRUCTED AND ESTABLISHED.
8. EROSION CONTROL MEASURES SHOWN IN THIS CONTRACT ARE INTENDED TO MEET MINIMUM STANDARDS BASED ON CONDITIONS AS DETERMINED DURING DESIGN. ADDITIONAL EROSION CONTROL MEASURES DETERMINED TO BE NECESSARY TO ADDRESS ACTUAL FIELD CONDITIONS SHALL BE CONSIDERED TO BE INCLUDED WITH THIS CONTRACT.

NPDES PERMIT

THE CONTRACTOR SHALL PREPARE AND SUBMIT NPDES PERMIT APPLICATION FOR THIS PROJECT TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP). THIS PERMIT APPLICATION AND REQUIREMENT INCLUDES, THE "NOTICE OF INTENT" AND "NOTICE OF TERMINATION" FOR "STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES," PER FLORIDA ADMINISTRATIVE CODE 62-621.300(4). IN ACCORDANCE WITH FDEP REQUIREMENTS, THE CONTRACTOR SHALL PREPARE AND SUBMIT WITH THE APPLICATION, AN APPROVED "STORMWATER POLLUTION PREVENTION PLAN" AND PERFORM / CERTIFY ALL INSPECTIONS AND RETAIN ALL INSPECTION REPORTS AND DOCUMENTATION ON FILE AS REQUIRED FOR FDEP REVIEW. ALL FEES SHALL BE PAID BY THE CONTRACTOR, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PENALTIES OR FINES LEVIED BY THE FDEP FOR FAILURE TO COMPLY WITH THE PERMITTING REQUIREMENTS.

LAKE COUNTY BUILDING DIVISION
Any errors or omissions in these plans shall be made to conform with the applicable code requirements per Florida Building Code section 105.4.1. Plans were reviewed for code compliance and shall be kept on job site.

RECEIVED APR 08 2013

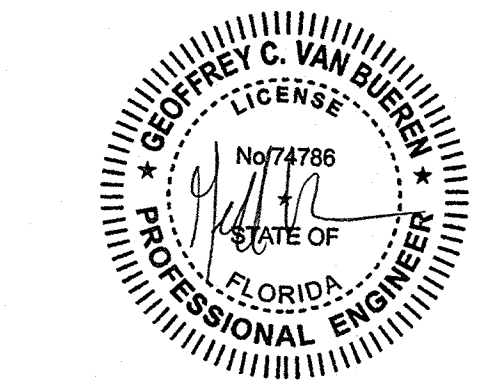


618 East South Street, Suite 600
Orlando, Florida 32801
tel 407 422 4845
fax 407 422 0699

NORTH SHORE
OVERLOOK &
TRAILHEAD

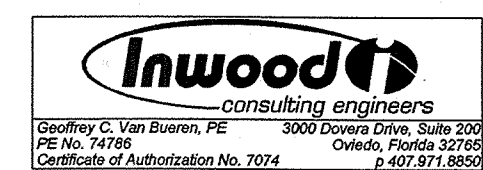
LAKE COUNTY, FL

GRADING PLAN
- NOTES &
DETAILS



100% REVIEW

CONSULTANT:



REVISIONS:

- △ 09/28/12 Review Comments
- △ 01/24/13 Review Comments

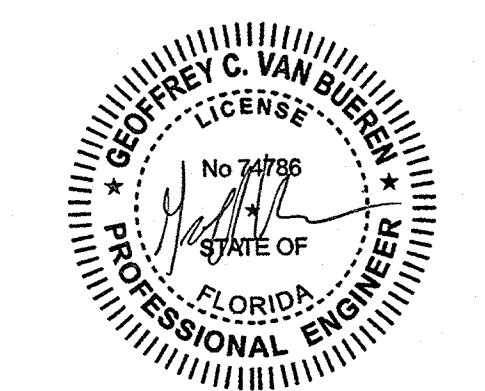
SCALE	NTS
DATE	01/24/2013
PROJECT #	12.111.00
DESIGNED	GV
CHECKED	DG
SEAL	

SHEET

G-1

**NORTH SHORE
 OVERLOOK &
 TRAILHEAD**

LAKE COUNTY, FL
**GRADING PLAN
 - NOTES &
 DETAILS**



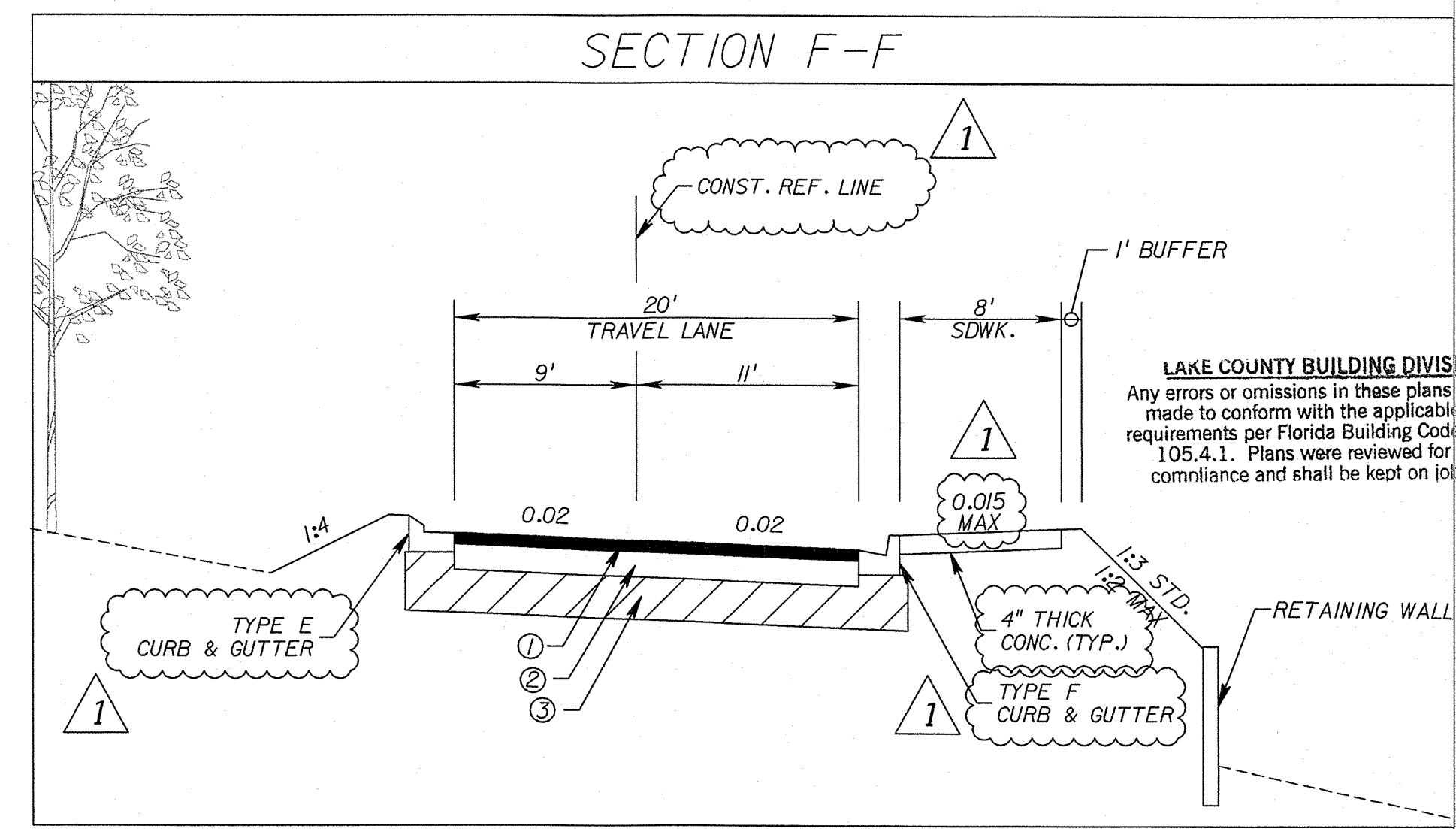
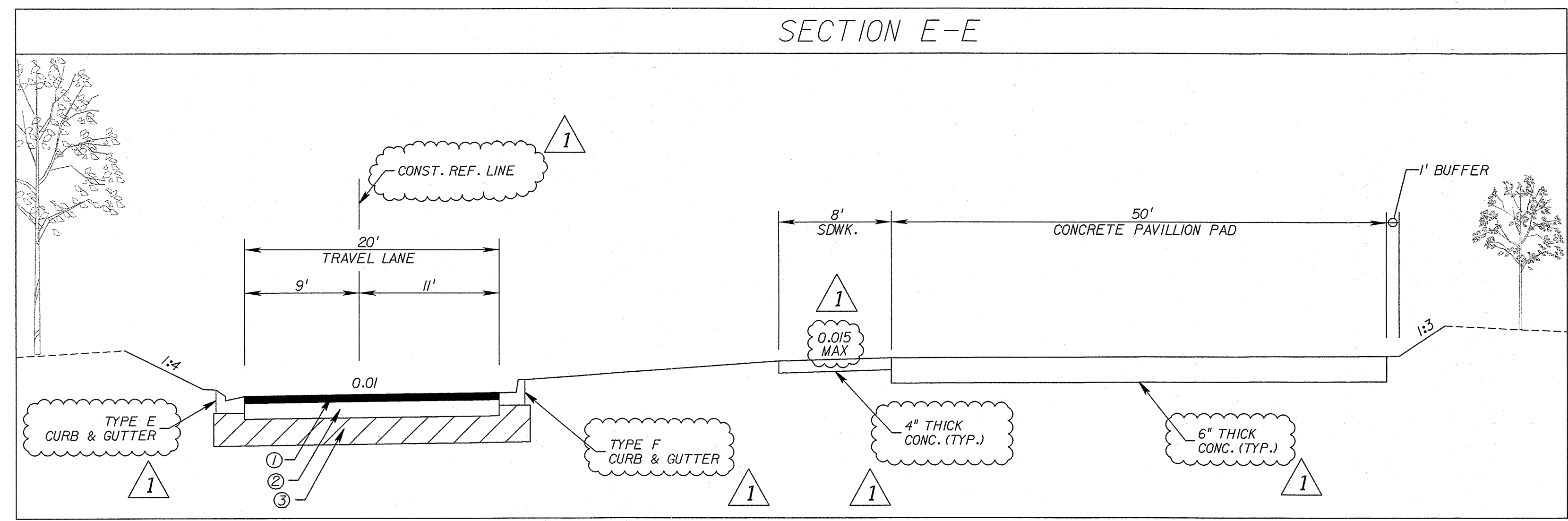
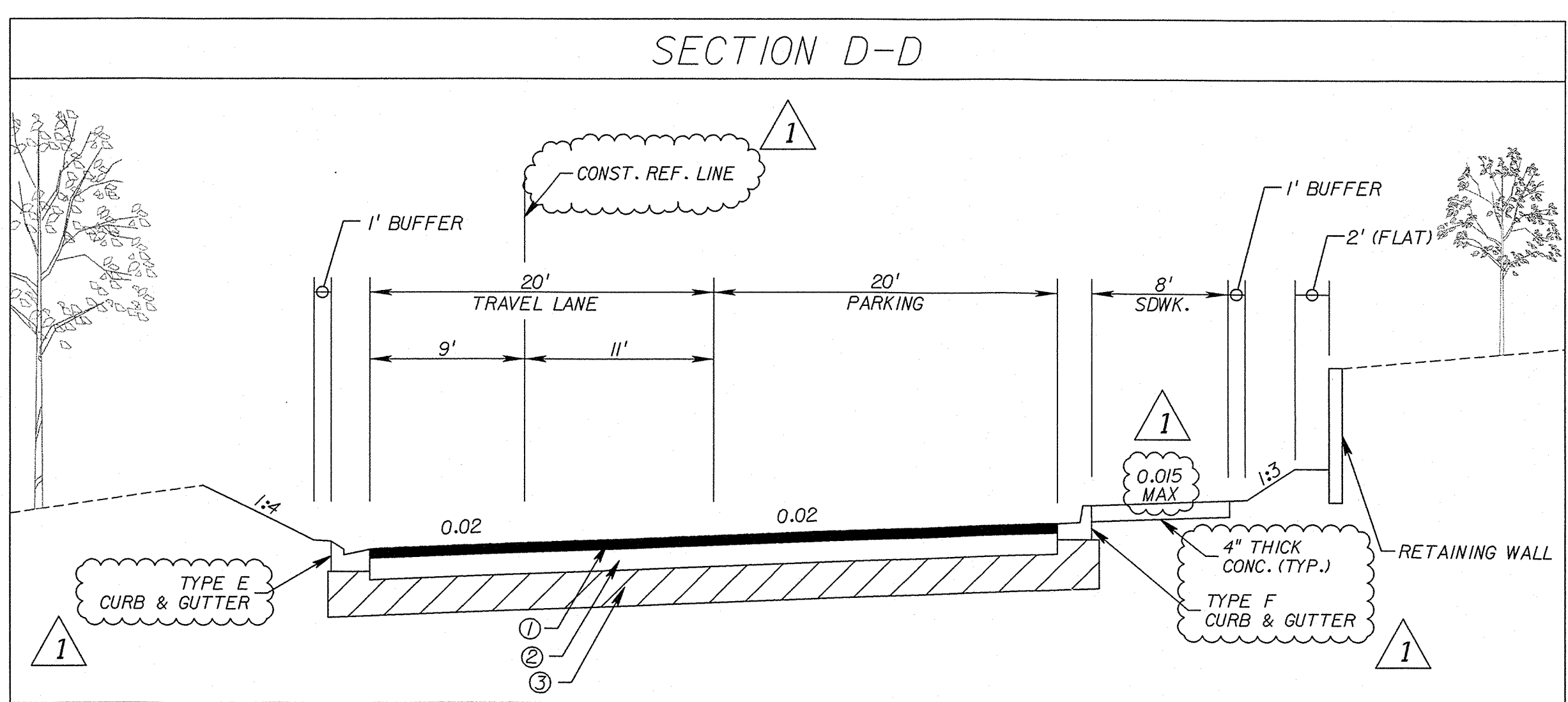
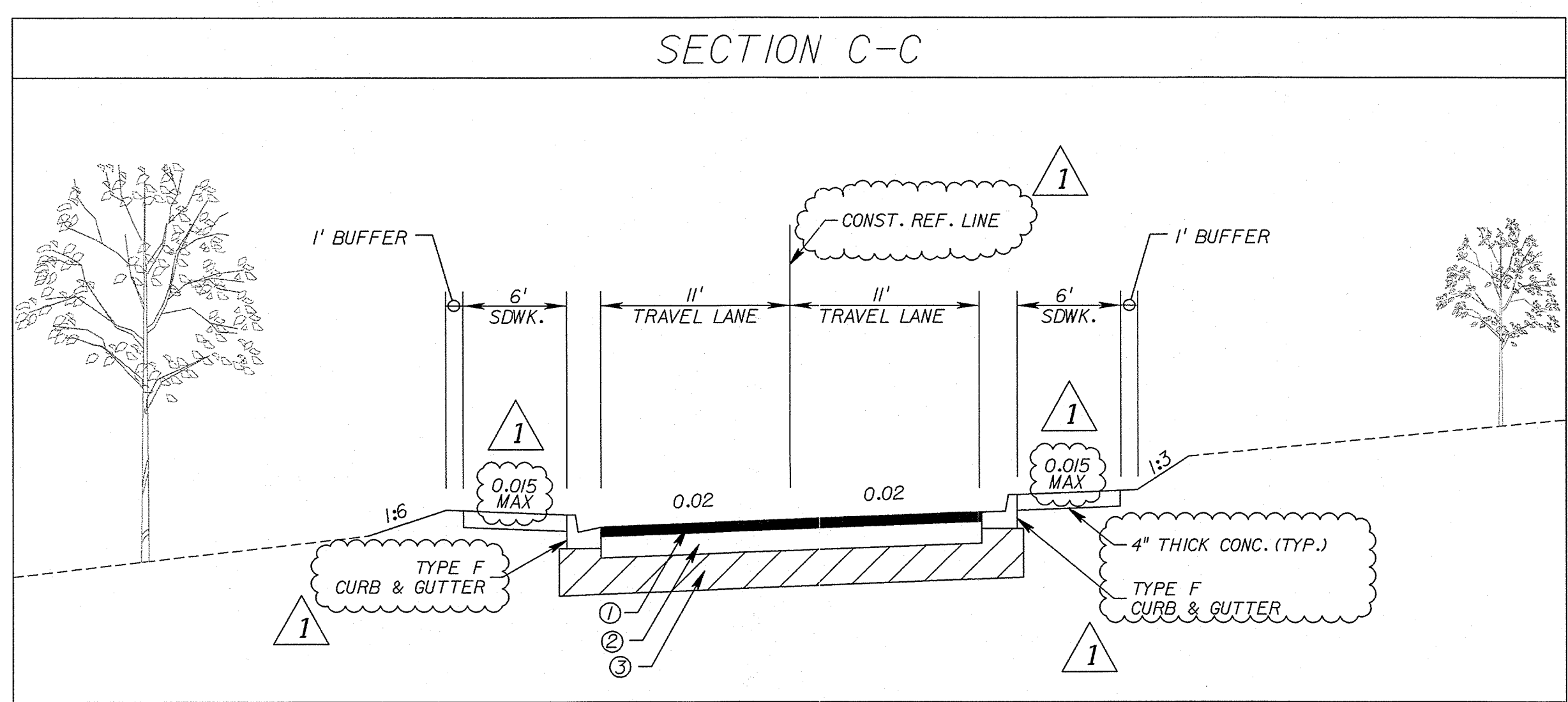
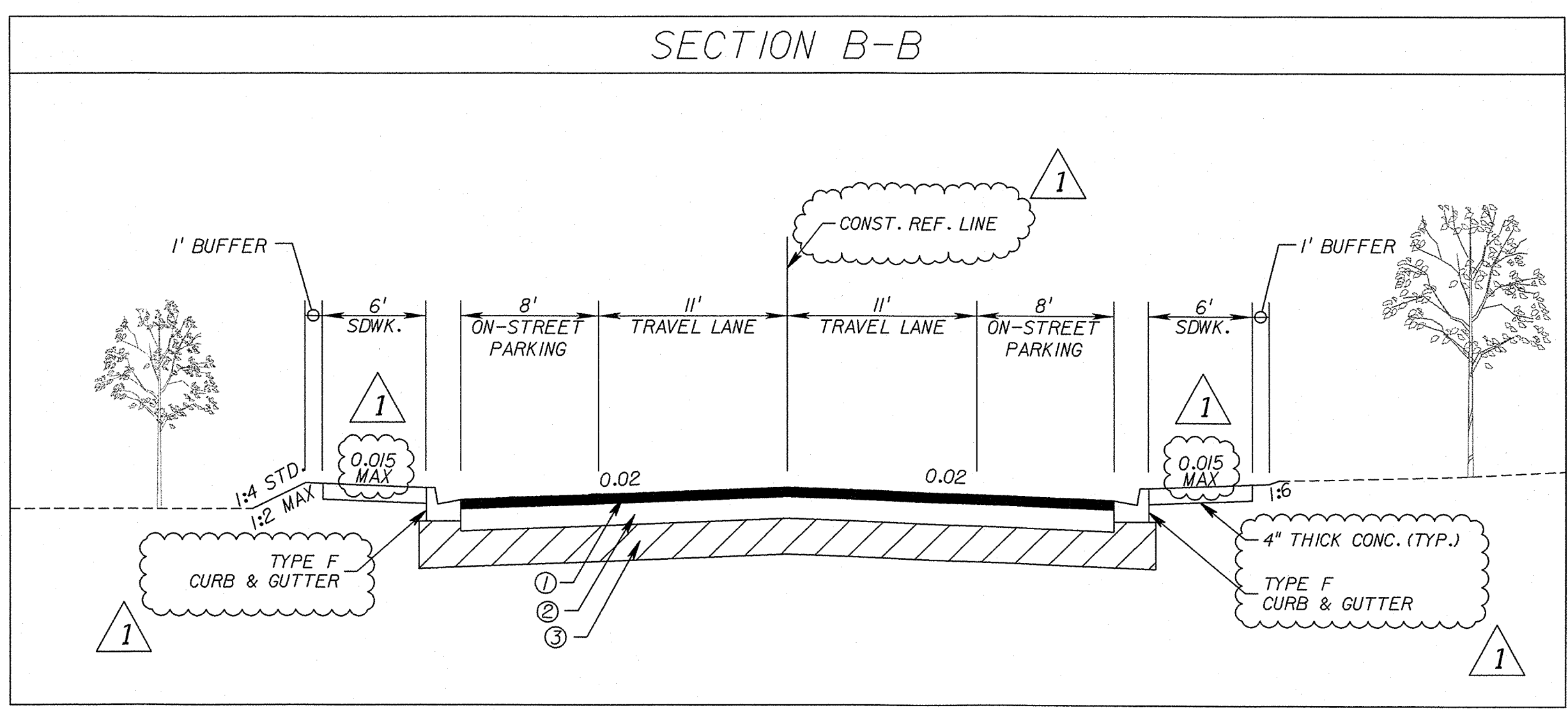
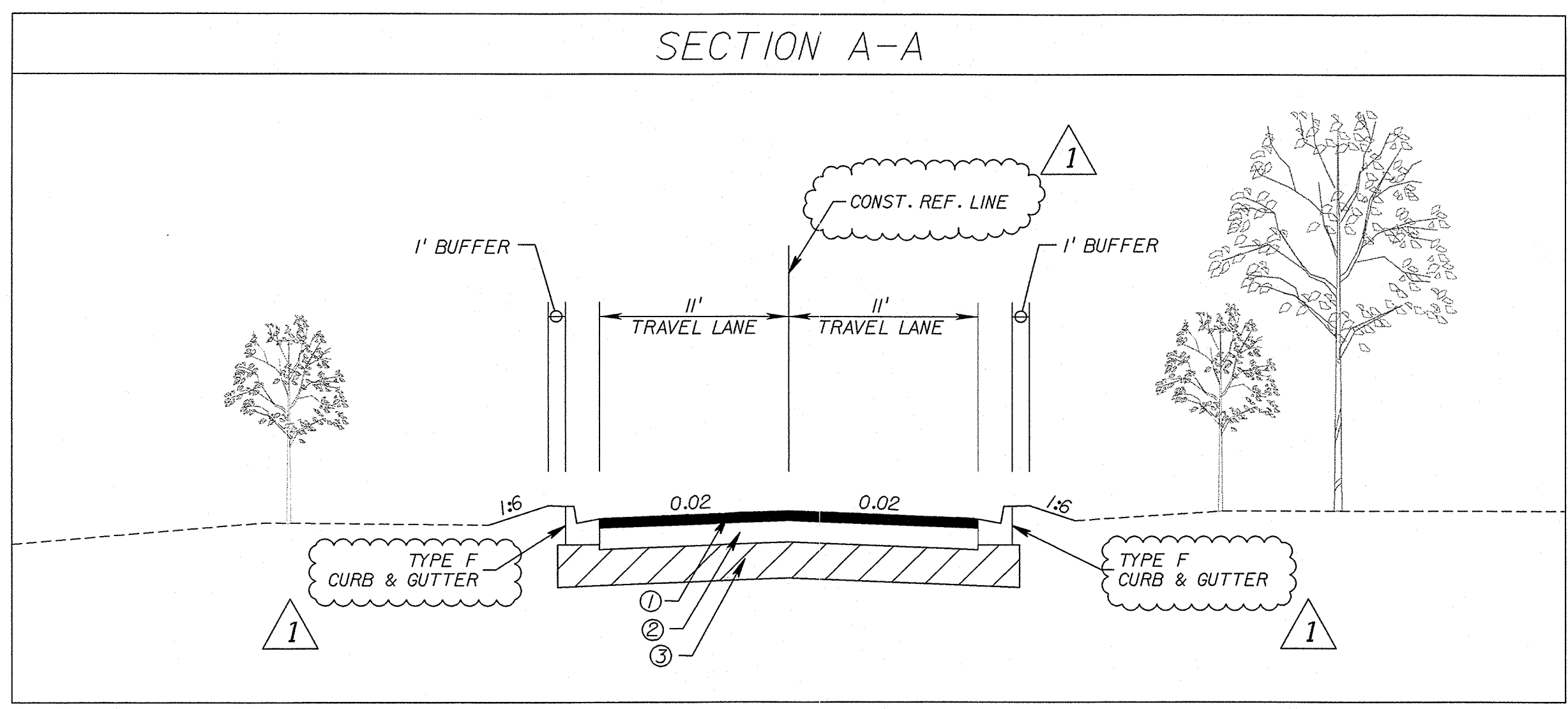
100% REVIEW
 CONSULTANT:



REVISIONS:
 09/28/12 Review Comments

LAKE COUNTY BUILDING DIVISION
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SCALE	NTS
DATE	01/24/2013
PROJECT #	12.111.00
DESIGNED	GV
CHECKED	DG
SEAL	

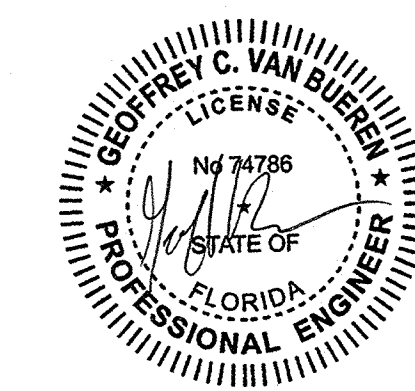


PAVEMENT DESIGN:
 ① 1.5" TYPE S-1 ASPHALTIC CONCRETE
 ② 6" LIMEROCK BASE, 98% COMPACTION, AASHTO T-180
 ③ 12" COMPACTED SUBGRADE, 98% COMPACTION, AASHTO T-180

RECEIVED APR 8 2013

**NORTH SHORE
 OVERLOOK &
 TRAILHEAD**

LAKE COUNTY, FL
**GRADING PLAN
 - NOTES &
 DETAILS**



100% REVIEW
 CONSULTANT:



- REVISIONS:
- △ 09/28/12 Review Comments
 - △ 01/24/13 Review Comments

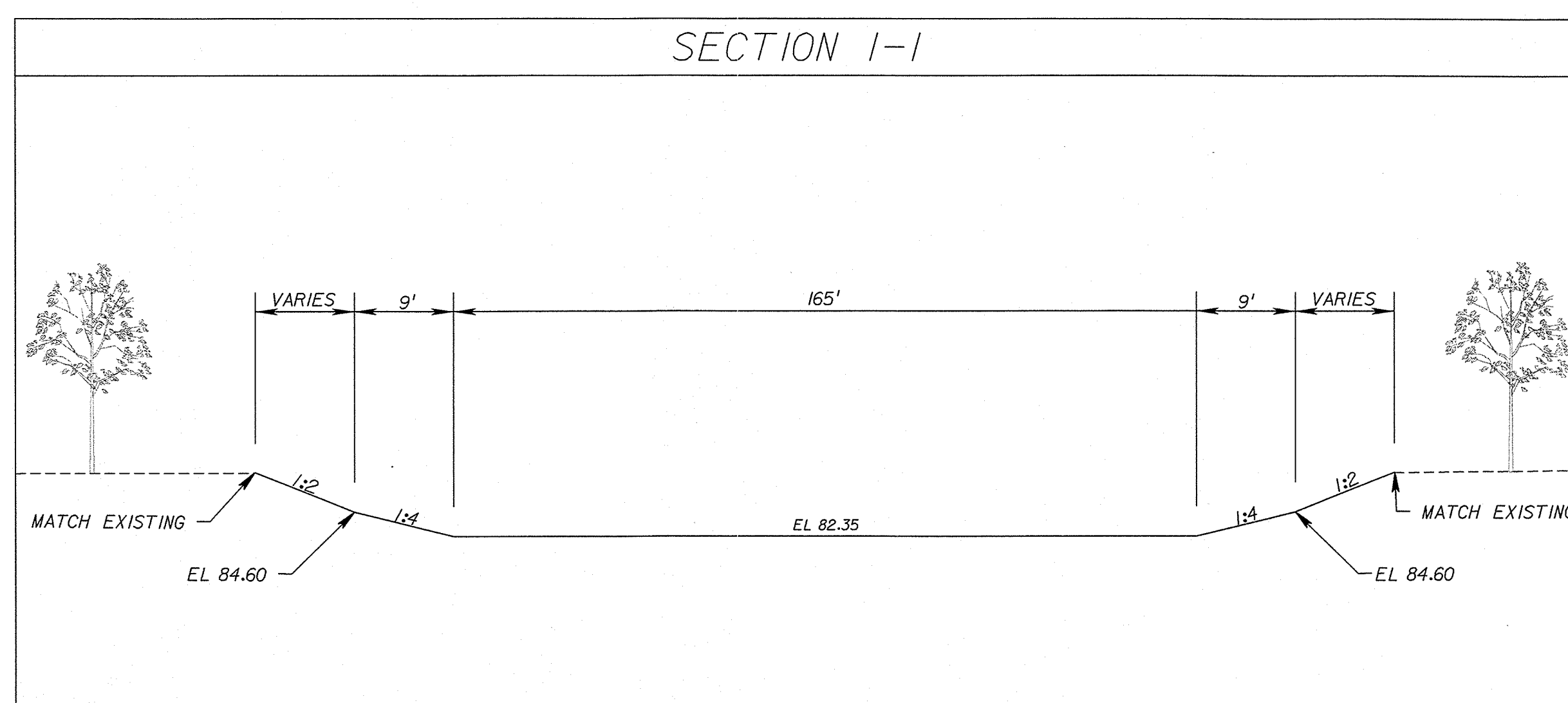
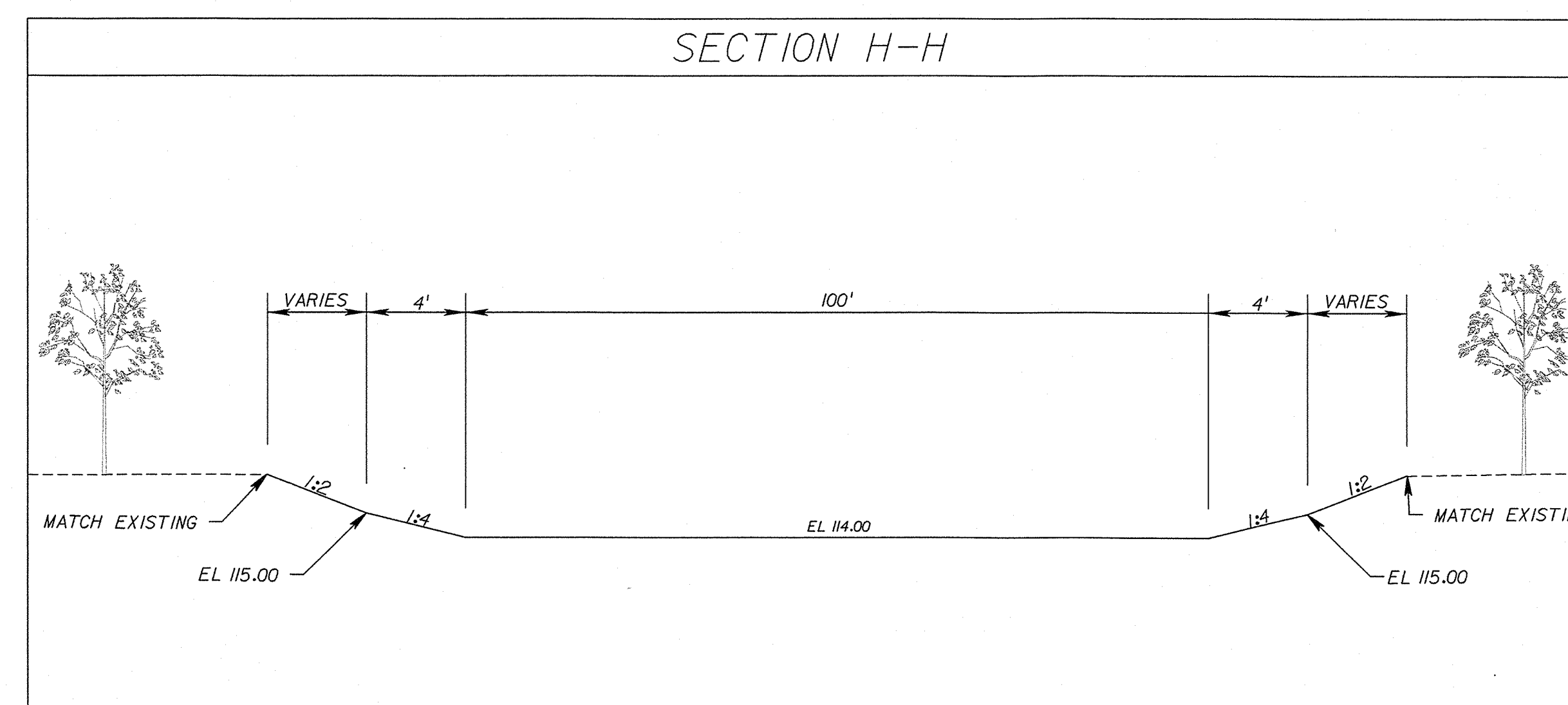
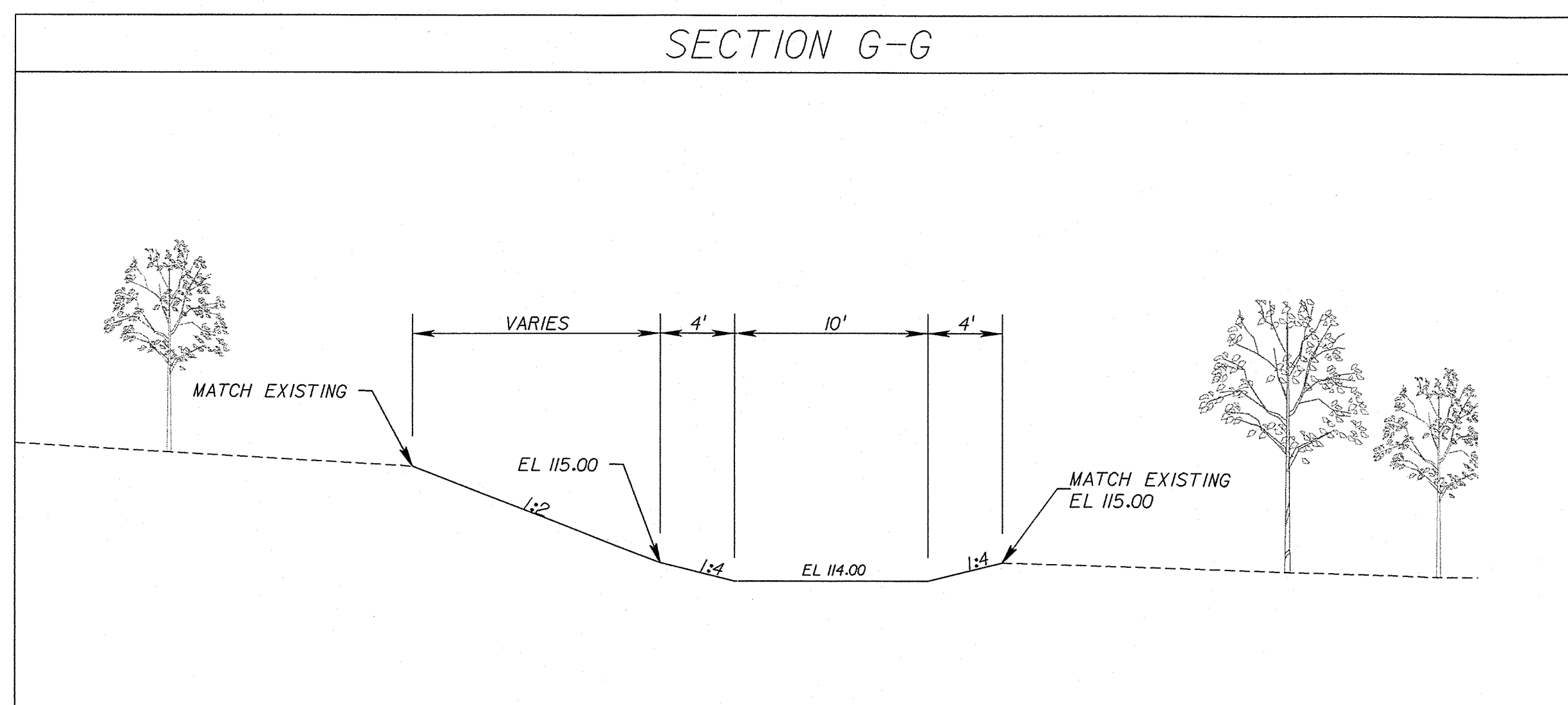
SCALE	NTS
DATE	01/24/2013
PROJECT #	12.111.00
DESIGNED	GV
CHECKED	DG
SEAL	

LAKE COUNTY BUILDING DIVISION
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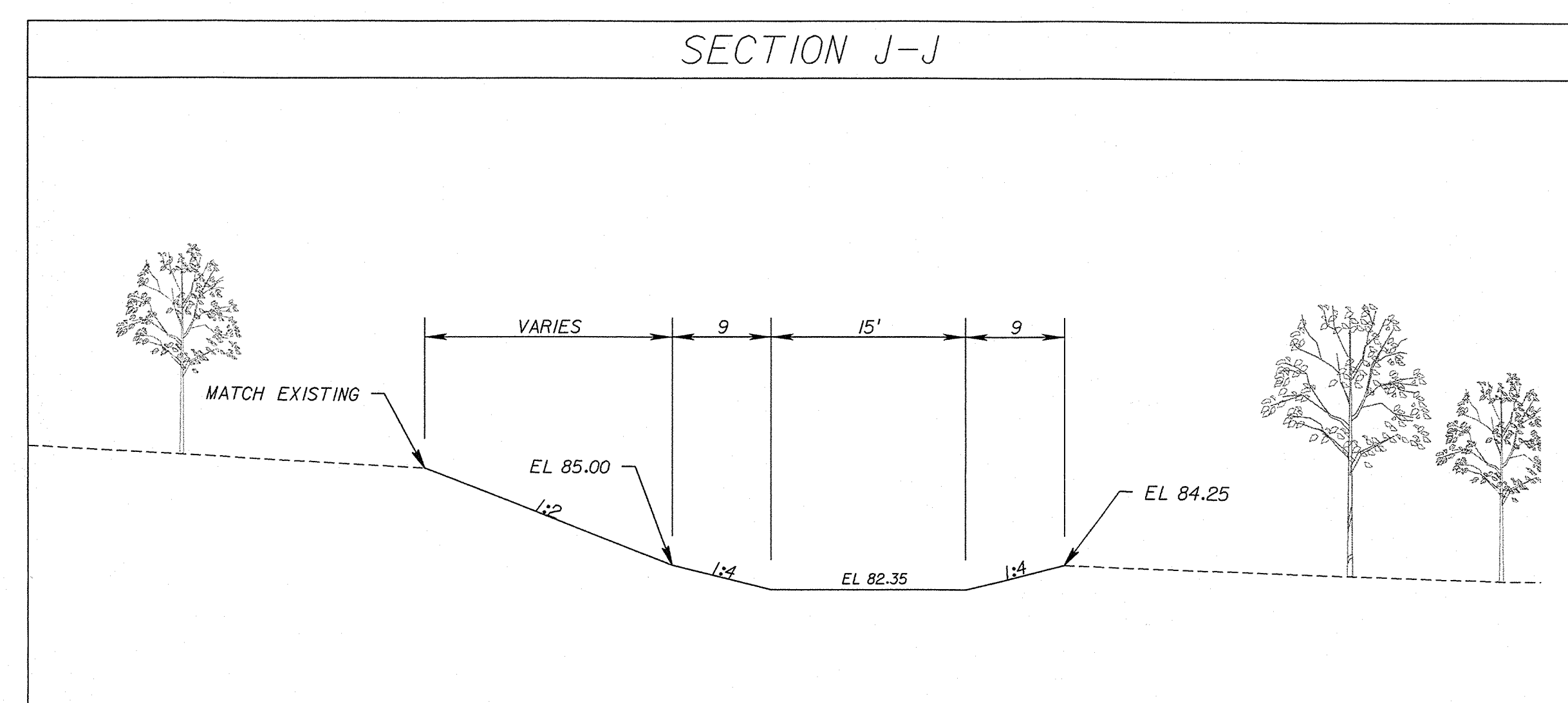
RECEIVED APR 08 2013

SHEET

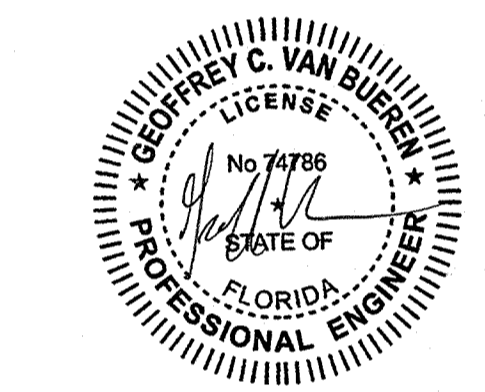
G-3



2



1



100% REVIEW
 CONSULTANT:



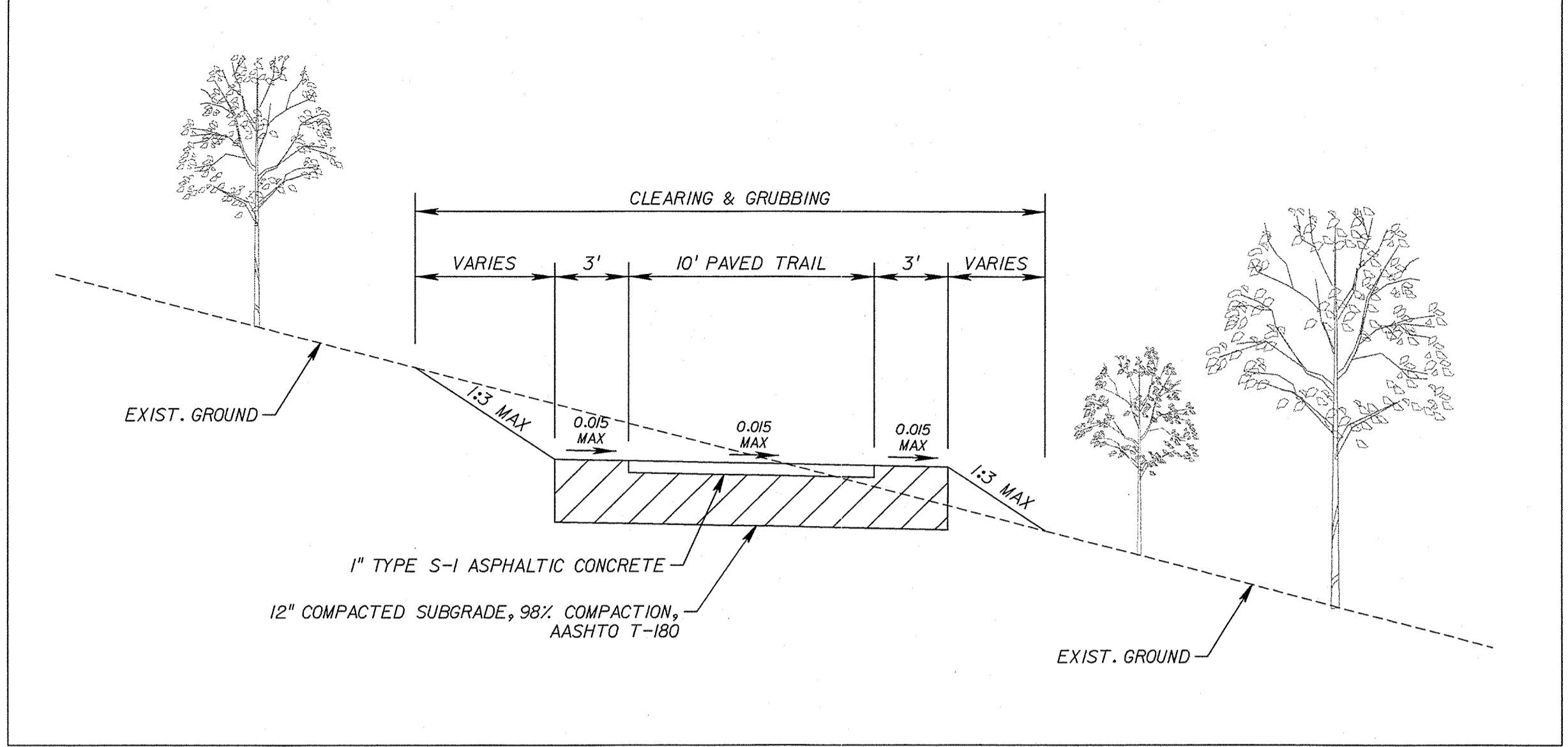
REVISIONS:
 Δ 09/28/12 Review Comments

SCALE	NTS
DATE	01/24/2013
PROJECT #	12.111.00
DESIGNED	GV
CHECKED	DG
SEAL	

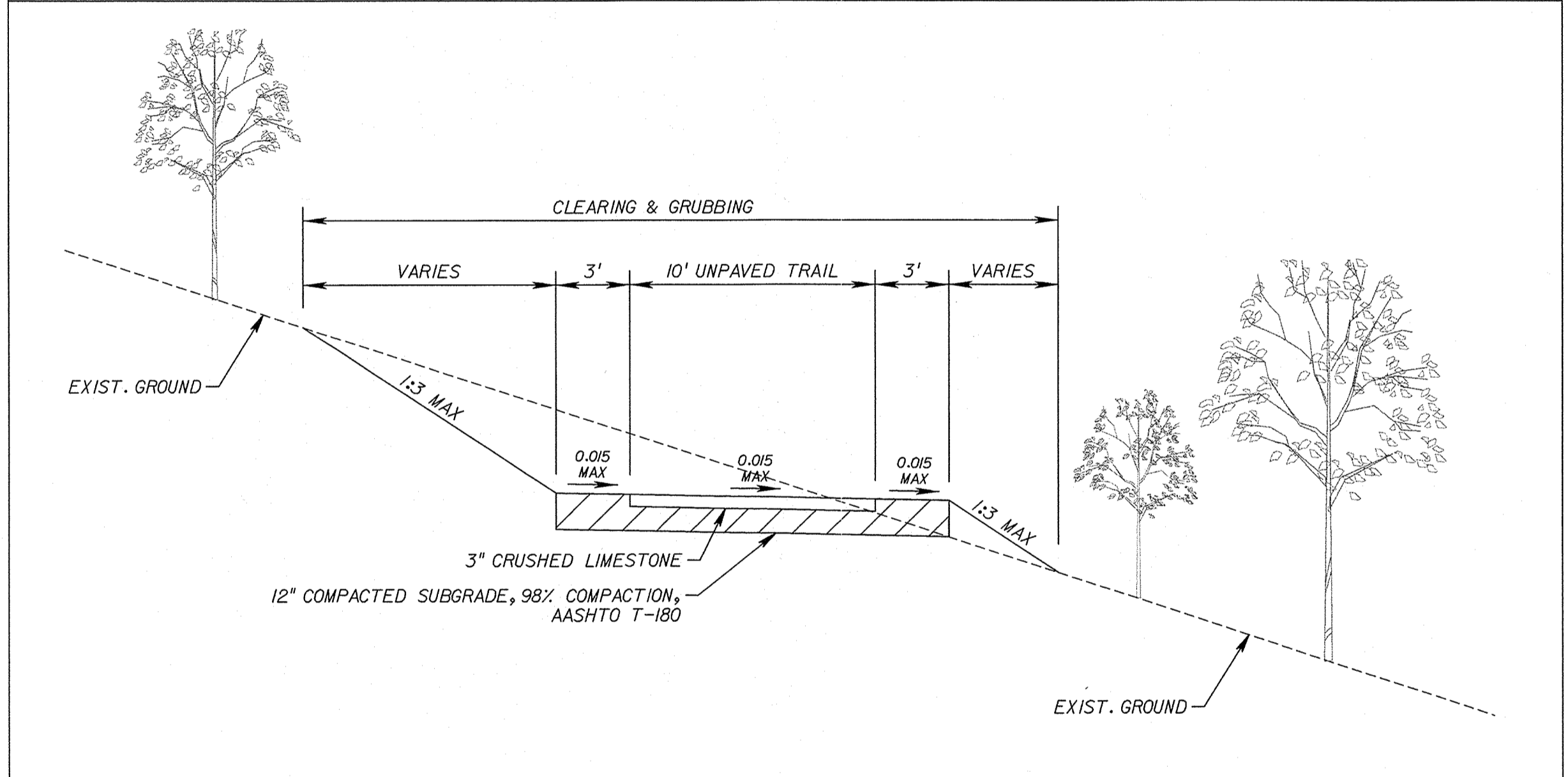
LAKE COUNTY BUILDING DIVISION
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RECEIVED APR 08 2013

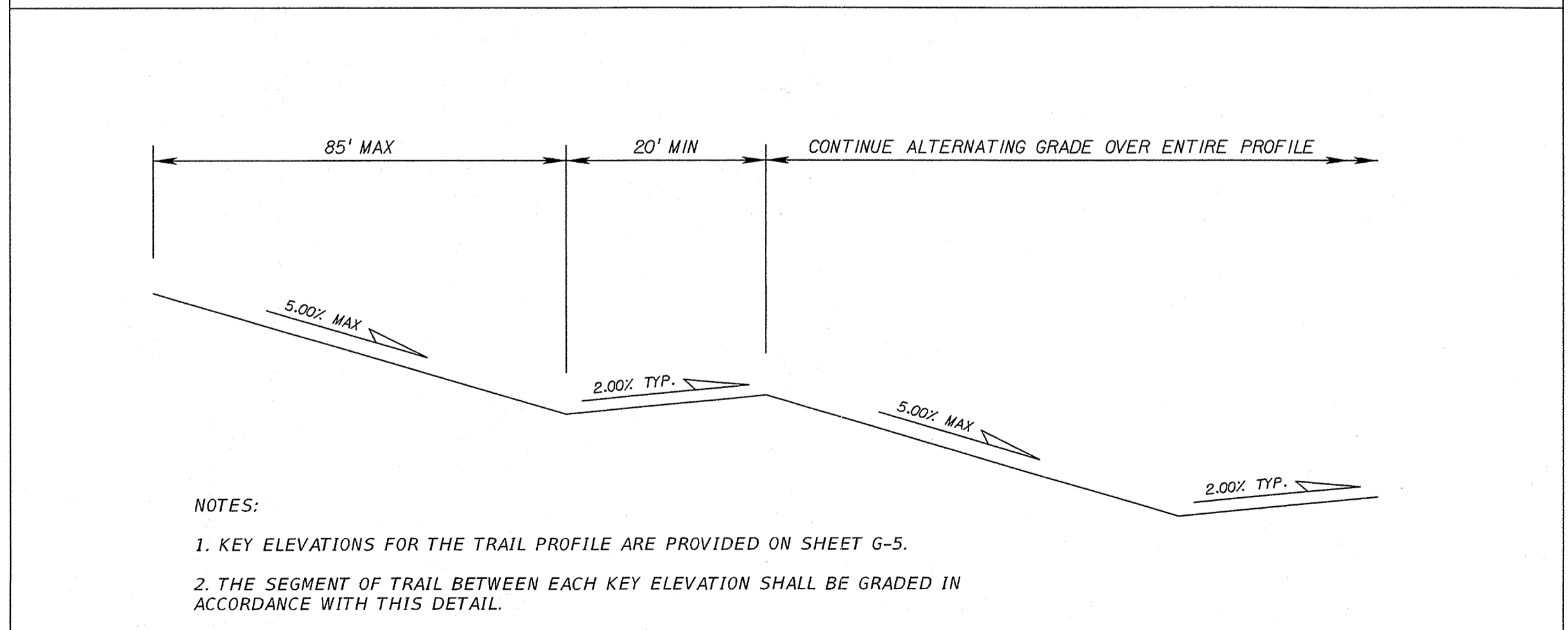
PAVED TRAIL TYPICAL SECTION



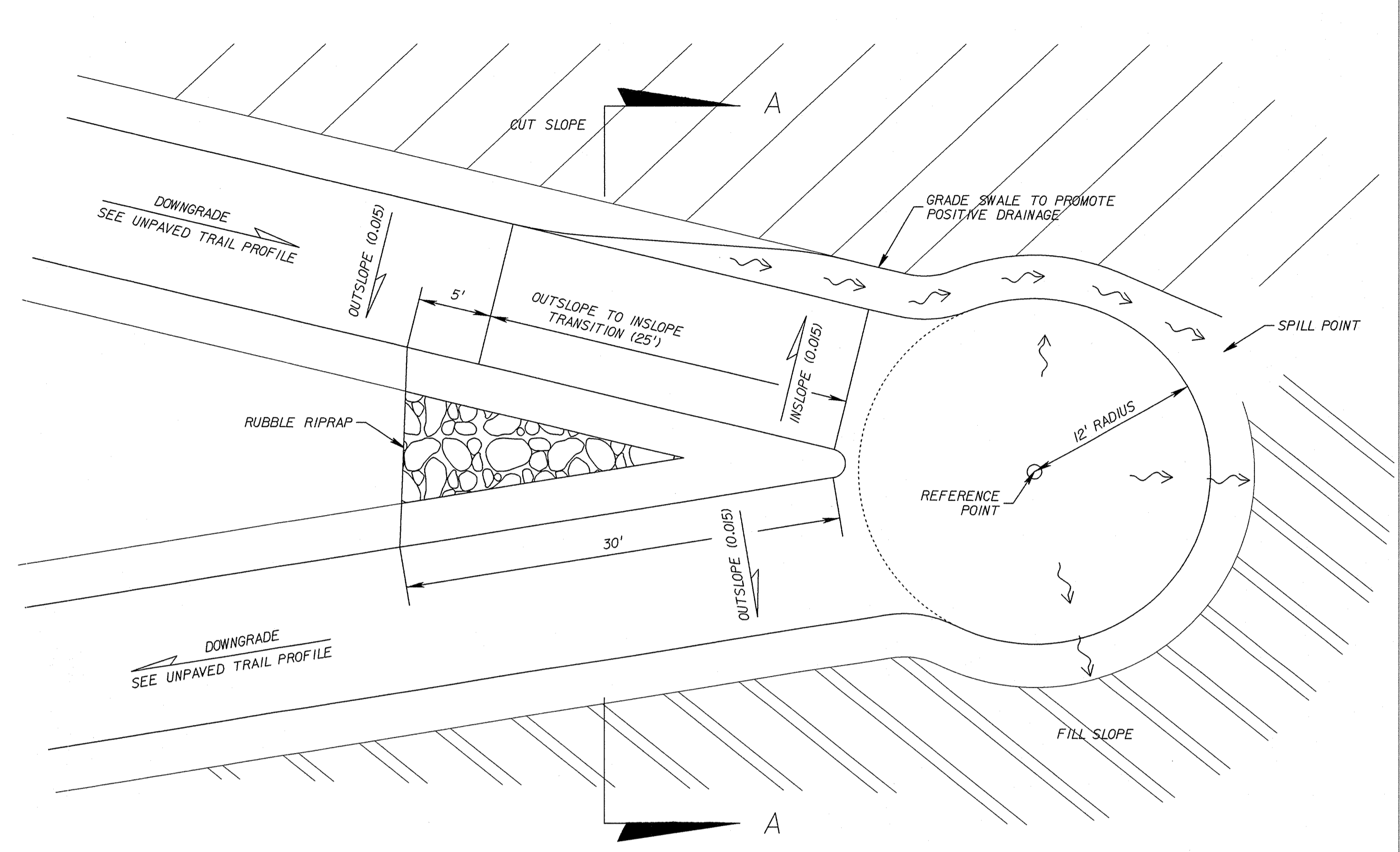
UNPAVED TRAIL TYPICAL SECTION



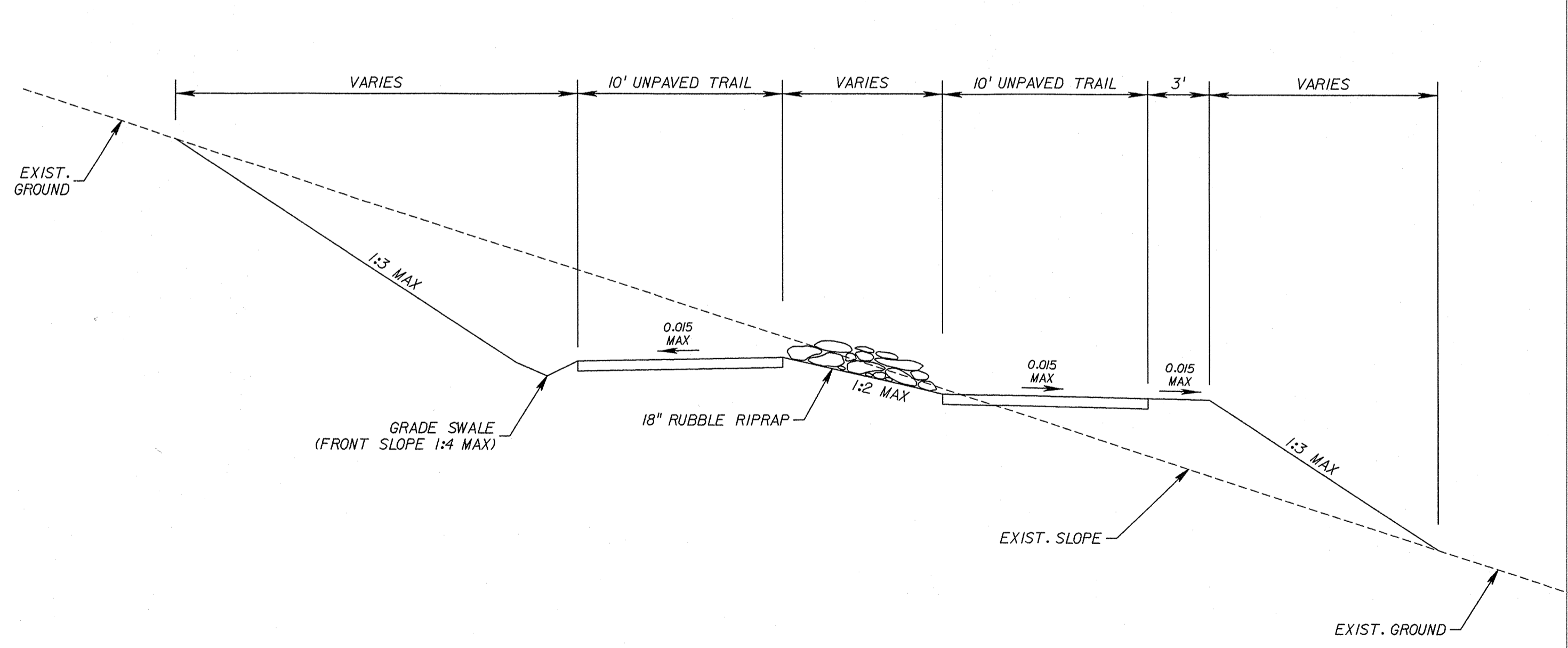
PROFILE DETAIL (UNPAVED TRAIL)



TRAIL ROLLING CROWN SWITCHBACK



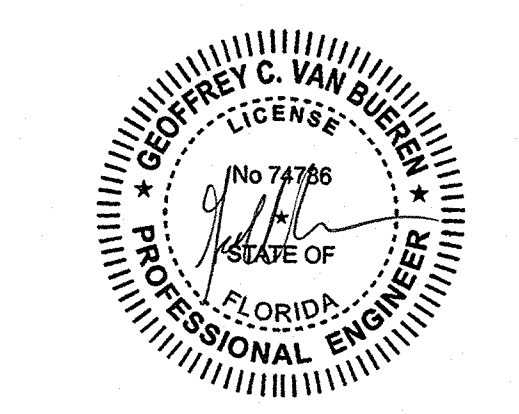
SECTION A-A



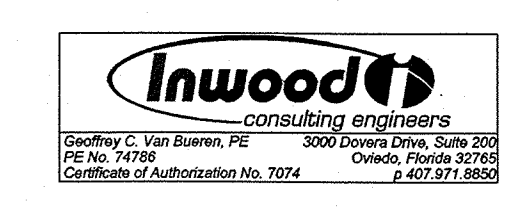
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**NORTH SHORE
 OVERLOOK &
 TRAILHEAD**

LAKE COUNTY, FL
**GRADING PLAN
 - PROJECT
 LAYOUT**



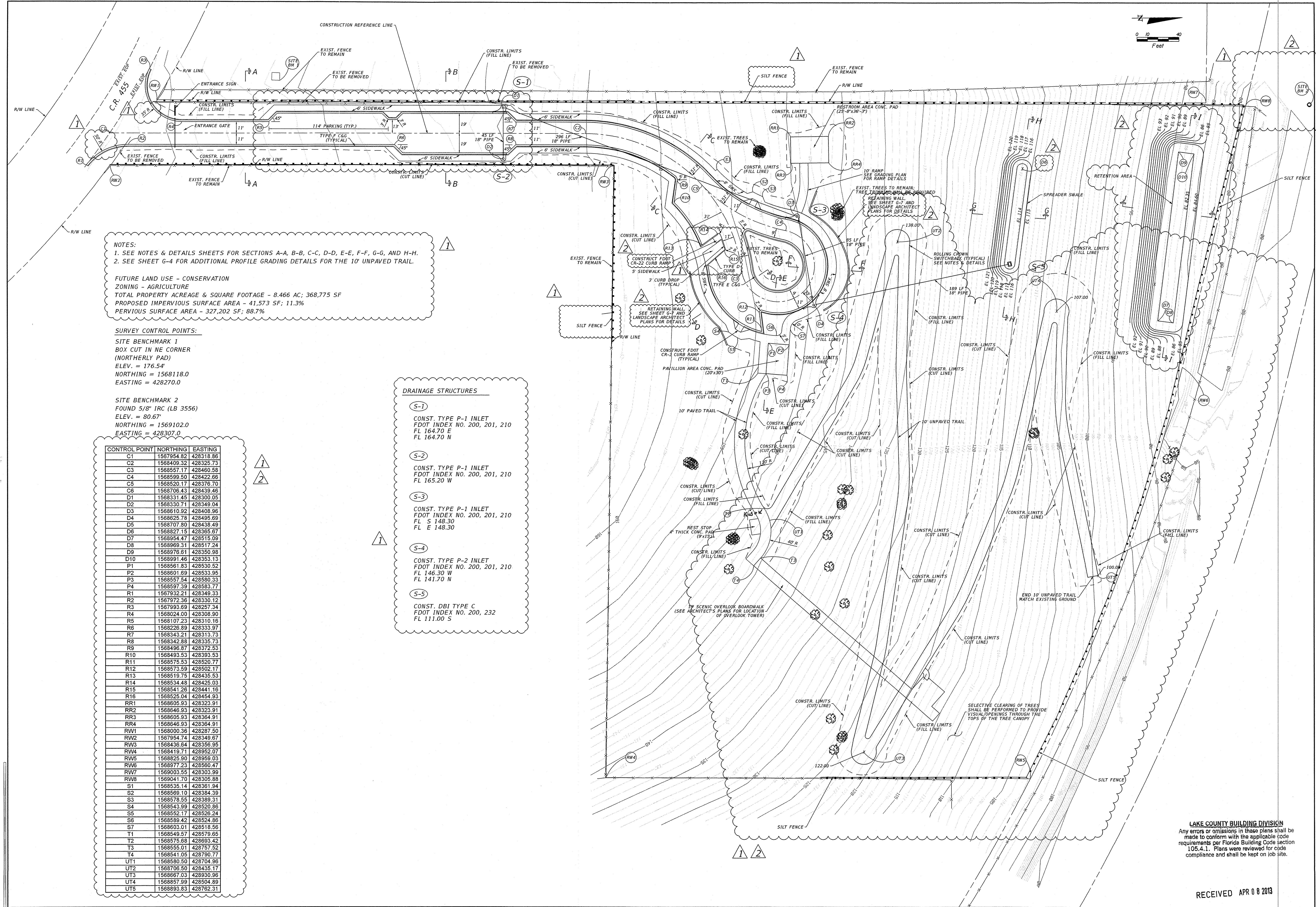
100% REVIEW
 CONSULTANT:



REVISIONS:
 09/28/12 Review Comments
 01/24/13 Review Comments

SCALE 1" = 40'
 DATE 01/24/2013
 PROJECT # 12.111.00
 DESIGNED CV
 CHECKED DG
 SEAL

SHEET
G-5



NOTES:
 1. SEE NOTES & DETAILS SHEETS FOR SECTIONS A-A, B-B, C-C, D-D, E-E, F-F, G-G, AND H-H.
 2. SEE SHEET G-4 FOR ADDITIONAL PROFILE GRADING DETAILS FOR THE 10' UNPAVED TRAIL.

FUTURE LAND USE - CONSERVATION
ZONING - AGRICULTURE
TOTAL PROPERTY ACREAGE & SQUARE FOOTAGE - 8.466 AC; 368,775 SF
PROPOSED IMPERVIOUS SURFACE AREA - 41,573 SF; 11.3%
PERVIOUS SURFACE AREA - 327,202 SF; 88.7%

SURVEY CONTROL POINTS:
SITE BENCHMARK 1
 BOX CUT IN NE CORNER
 (NORTHERLY PAD)
 ELEV. = 176.54'
 NORTHING = 1568118.0
 EASTING = 428270.0

SITE BENCHMARK 2
 FOUND 5/8" IRC (LB 3556)
 ELEV. = 80.67'
 NORTHING = 1569102.0
 EASTING = 428307.0

CONTROL POINT	NORTHING	EASTING
C1	1567954.83	428318.88
C2	1568409.32	428325.73
C3	1568557.17	428460.58
C4	1568599.50	428422.66
C5	1568520.17	428376.70
C6	1568706.43	428439.46
D1	1568331.45	428300.05
D2	1568330.71	428349.04
D3	1568610.92	428408.98
D4	1568625.78	428495.69
D5	1568707.80	428438.49
D6	1568827.15	428365.67
D7	1568954.47	428515.09
D8	1568969.31	428517.24
D9	1568976.61	428350.98
D10	1568991.46	428353.13
P1	1568561.83	428530.52
P2	1568601.69	428533.95
P3	1568557.54	428580.33
P4	1568597.39	428583.77
R1	1567932.21	428349.33
R2	1567972.36	428330.12
R3	1567993.69	428267.34
R4	1568024.00	428308.90
R5	1568107.23	428310.16
R6	1568226.89	428333.97
R7	1568343.21	428313.73
R8	1568342.88	428335.73
R9	1568496.87	428372.53
R10	1568493.53	428393.53
R11	1568575.53	428520.77
R12	1568573.59	428502.17
R13	1568519.75	428435.53
R14	1568534.48	428425.03
R15	156841.28	428441.18
R16	1568525.04	428454.93
RR1	1568605.93	428323.91
RR2	1568646.93	428323.91
RR3	1568605.93	428364.91
RR4	1568646.93	428364.91
RW1	1568000.36	428287.50
RW2	1567954.74	428349.67
RW3	1568436.64	428356.95
RW4	1568419.71	428952.07
RW5	1568825.90	428959.03
RW6	1568977.23	428560.47
RW7	1569003.55	428303.99
RW8	1569041.70	428305.88
S1	1568535.14	428361.94
S2	1568569.10	428384.39
S3	1568578.55	428389.31
S4	1568543.99	428520.85
S5	1568552.17	428526.24
S6	1568589.42	428524.86
S7	1568603.01	428518.56
T1	1568549.57	428579.65
T2	1568575.68	428693.42
T3	1568555.01	428757.52
T4	1568541.05	428790.77
UT1	1568580.50	428704.96
UT2	1568706.50	428435.17
UT3	1568667.03	428930.96
UT4	1568857.99	428504.89
UT5	1568893.83	428762.31

DRAINAGE STRUCTURES

S-1
 CONST. TYPE P-1 INLET
 FDOT INDEX NO. 200, 201, 210
 FL 164.70 E
 FL 164.70 N

S-2
 CONST. TYPE P-1 INLET
 FDOT INDEX NO. 200, 201, 210
 FL 165.20 W

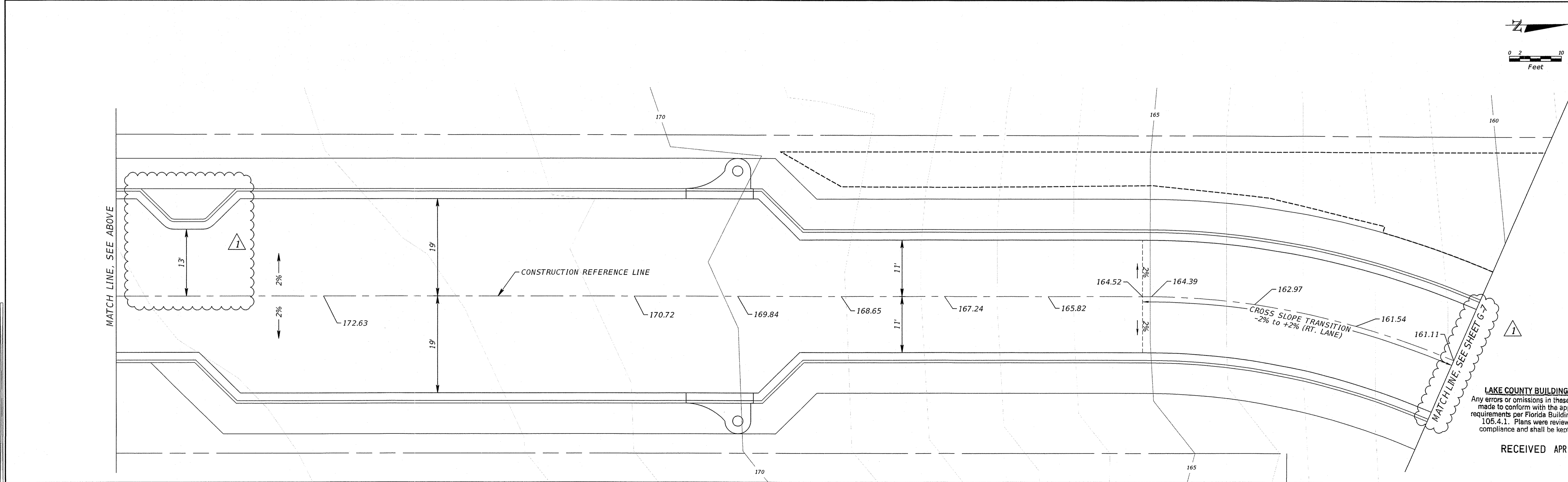
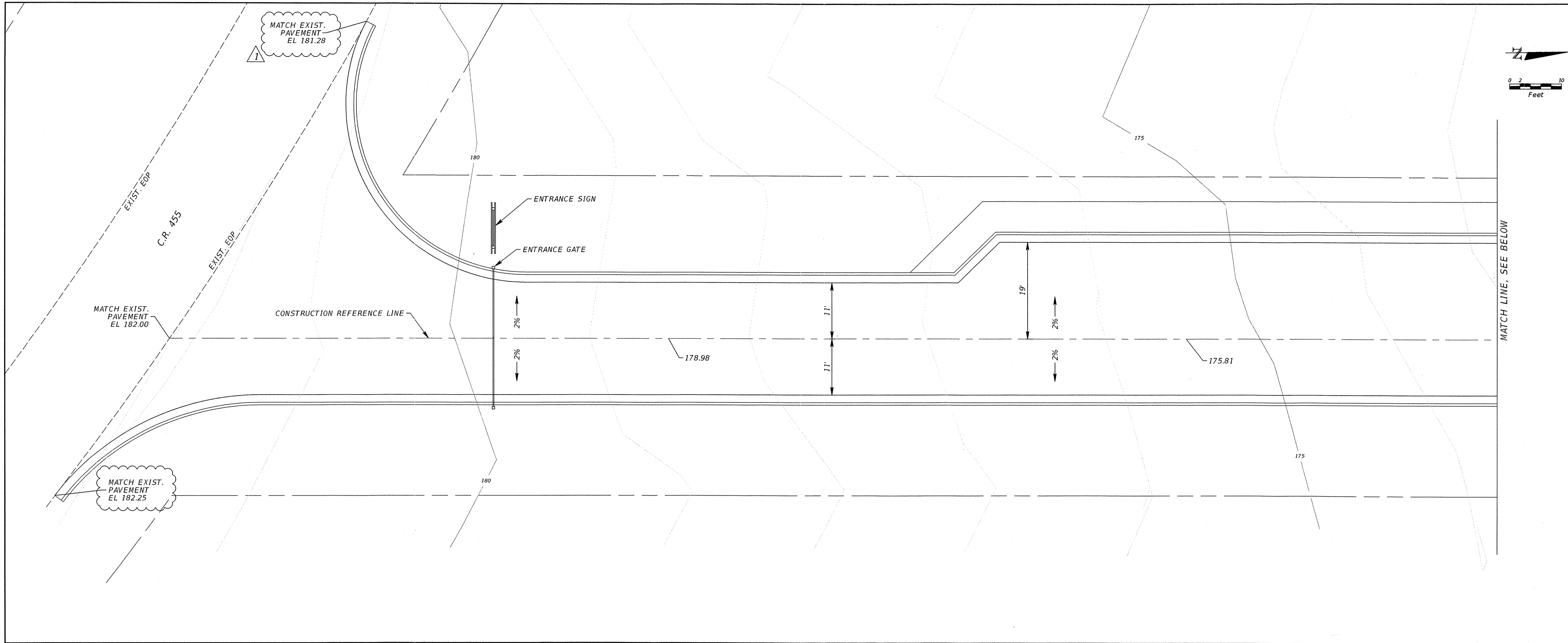
S-3
 CONST. TYPE P-1 INLET
 FDOT INDEX NO. 200, 201, 210
 FL S 148.30
 FL E 148.30

S-4
 CONST. TYPE P-2 INLET
 FDOT INDEX NO. 200, 201, 210
 FL 146.30 W
 FL 141.70 N

S-5
 CONST. DBI TYPE C
 FDOT INDEX NO. 200, 232
 FL 111.00 S

LAKE COUNTY BUILDING DIVISION
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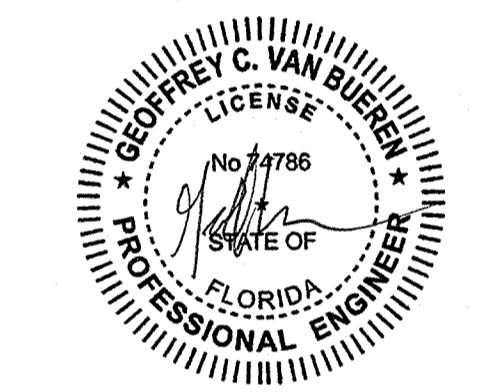
RECEIVED APR 0 8 2013



LAKE COUNTY BUILDING DIVISION
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 RECEIVED APR 09 2013

**NORTH SHORE
 OVERLOOK &
 TRAILHEAD**

LAKE COUNTY, FL
GRADING PLAN



100% REVIEW
 CONSULTANT:

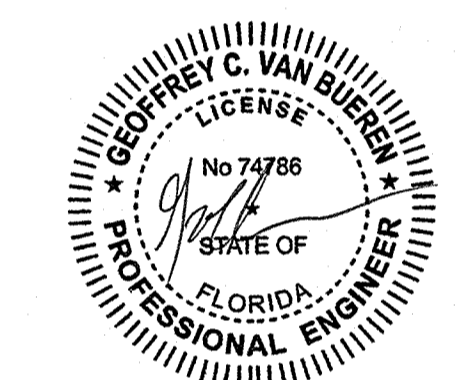
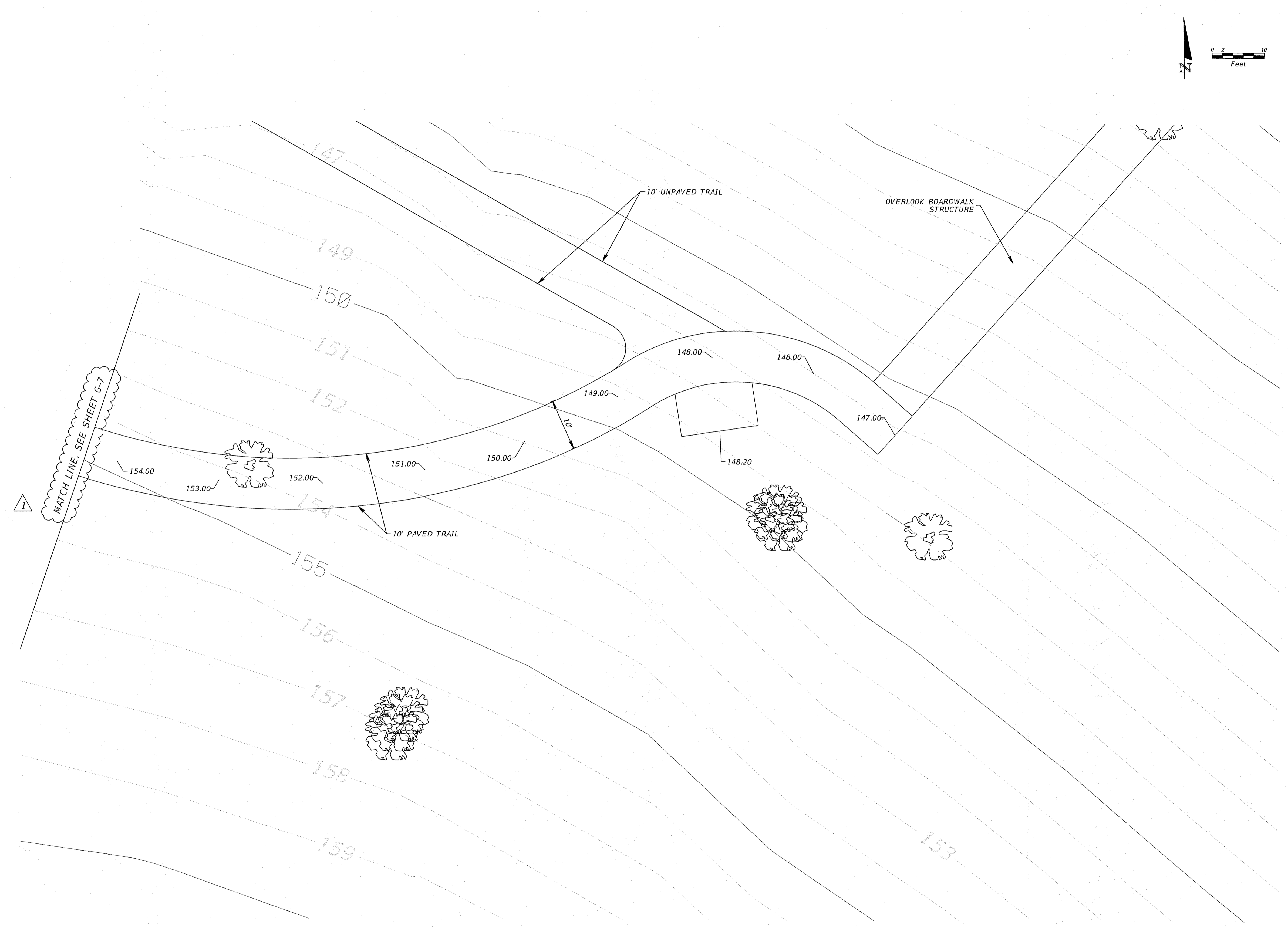


REVISIONS:
 ▲ 09/28/12 Review Comments

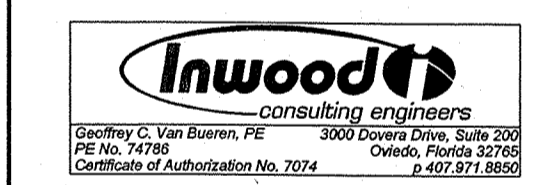
SCALE	1"=10'
DATE	01/24/2013
PROJECT #	12.111.00
DESIGNED	CV
CHECKED	DG
SEAL	

**NORTH SHORE
OVERLOOK &
TRAILHEAD**

LAKE COUNTY, FL
GRADING PLAN



100% REVIEW
CONSULTANT:



REVISIONS:
△ 09/28/12 Review Comments

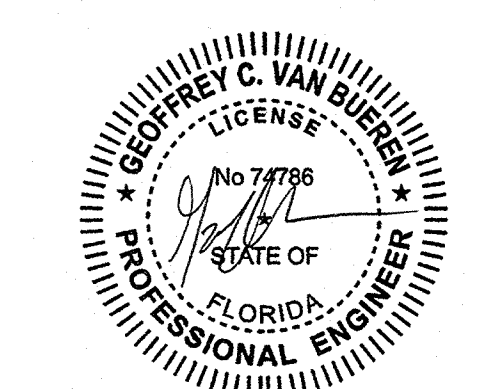
SCALE	1"=10'
DATE	01/24/2013
PROJECT #	12.111.00
DESIGNED	GV
CHECKED	DG
SEAL	

LAKE COUNTY BUILDING DIVISION
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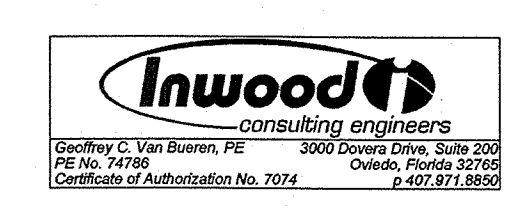
RECEIVED APR 08 2013

NORTH SHORE OVERLOOK & TRAILHEAD

LAKE COUNTY, FL SIGNING & PAVEMENT MARKING PLAN

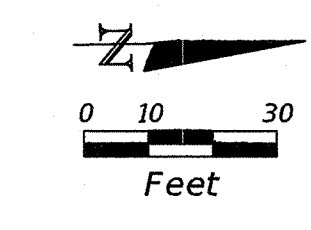


100% REVIEW
CONSULTANT:

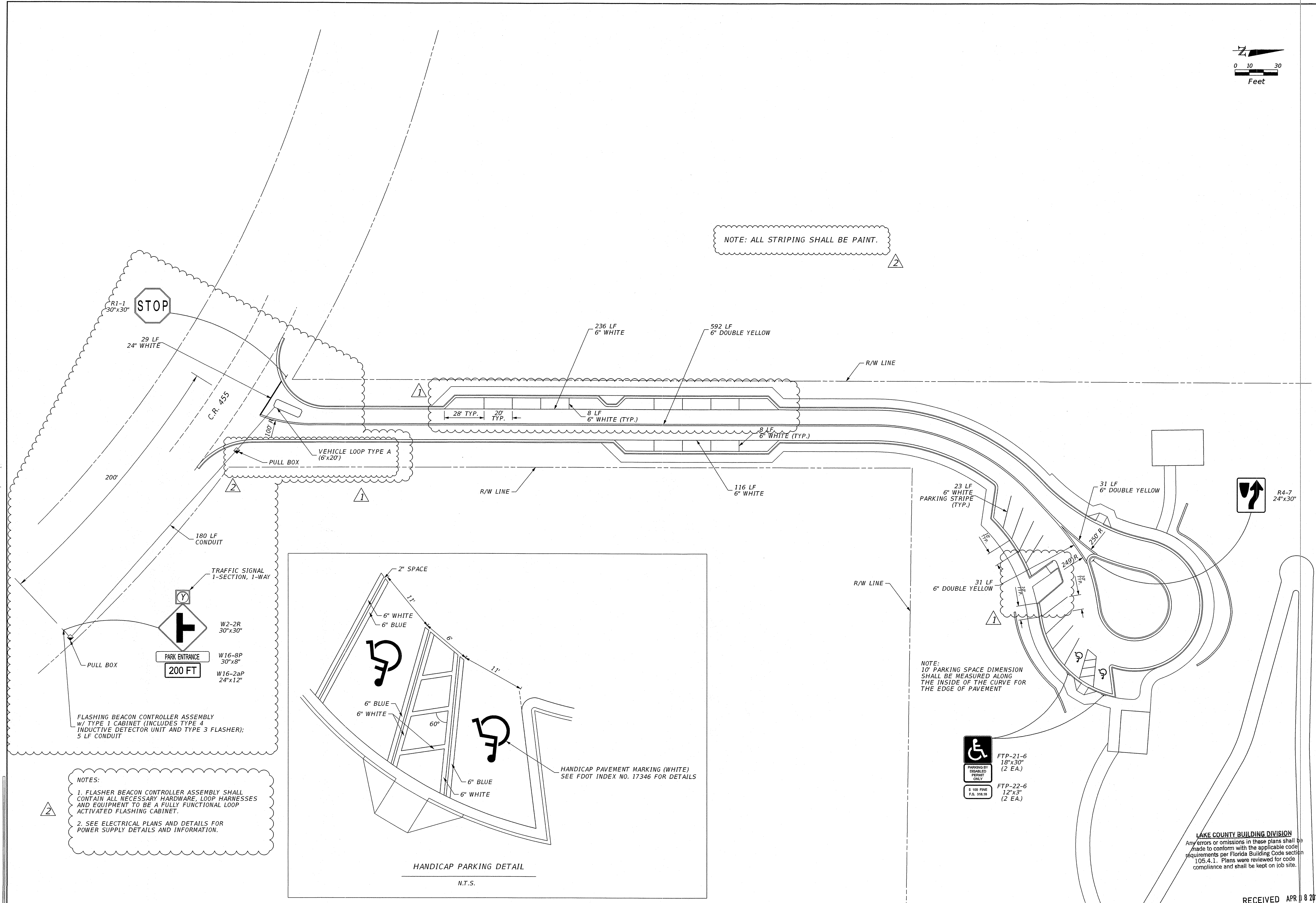


REVISIONS:
△ 09/28/12 Review Comments
△ 01/24/13 Review Comments

SCALE	1" = 30'
DATE	01/24/2013
PROJECT #	12.111.00
DESIGNED	GV
CHECKED	DG
SEAL	

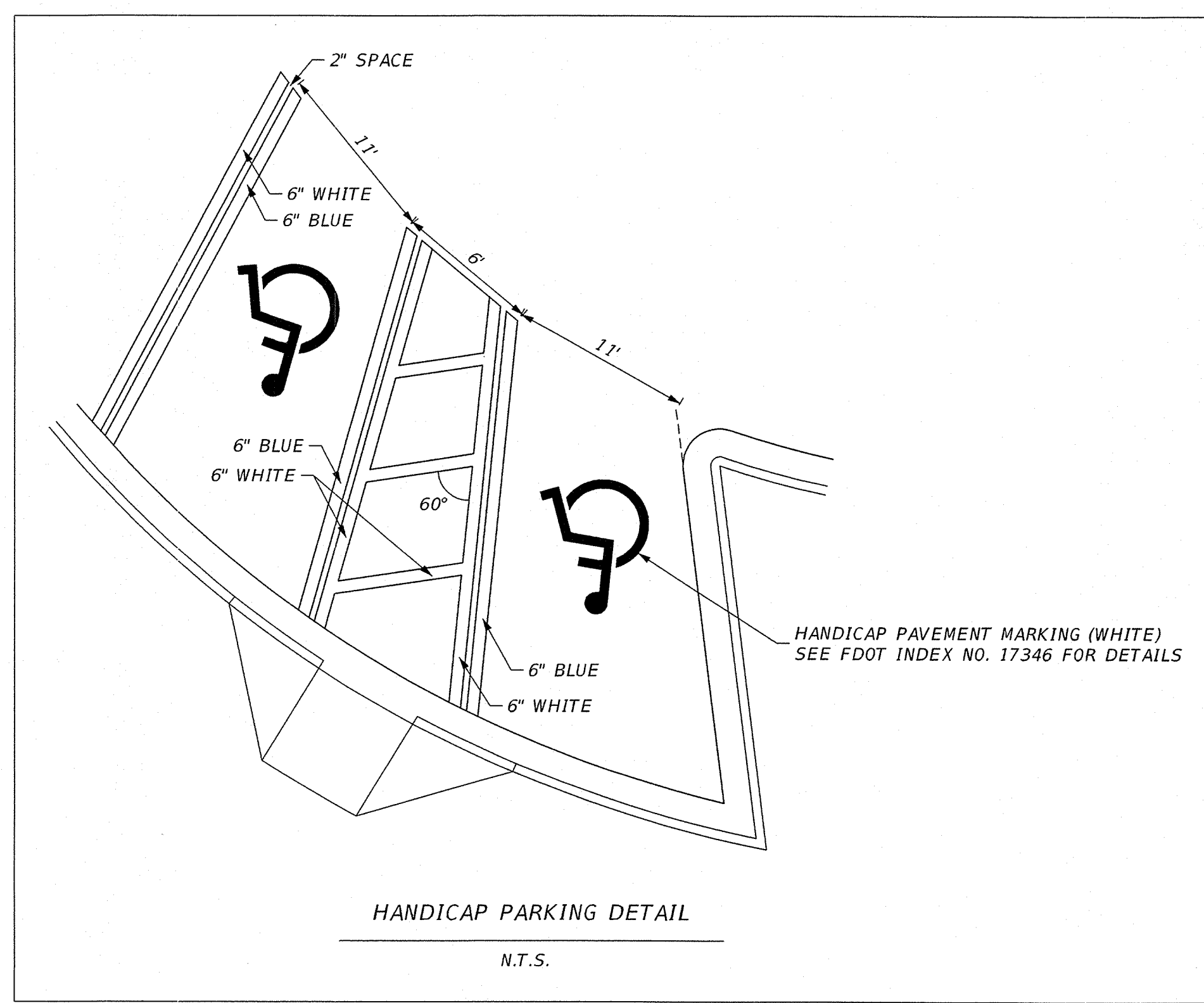


NOTE: ALL STRIPING SHALL BE PAINT.



NOTES:

1. FLASHER BEACON CONTROLLER ASSEMBLY SHALL CONTAIN ALL NECESSARY HARDWARE, LOOP HARNESSSES AND EQUIPMENT TO BE A FULLY FUNCTIONAL LOOP ACTIVATED FLASHING CABINET.
2. SEE ELECTRICAL PLANS AND DETAILS FOR POWER SUPPLY DETAILS AND INFORMATION.



NOTE:
10' PARKING SPACE DIMENSION SHALL BE MEASURED ALONG THE INSIDE OF THE CURVE FOR THE EDGE OF PAVEMENT

LAKE COUNTY BUILDING DIVISION
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RECEIVED APR 18 2013

**NORTH SHORE
 OVERLOOK &
 TRAILHEAD**

LAKE COUNTY, FL
SITE DETAILS

100% REVIEW
 CONSULTANT:

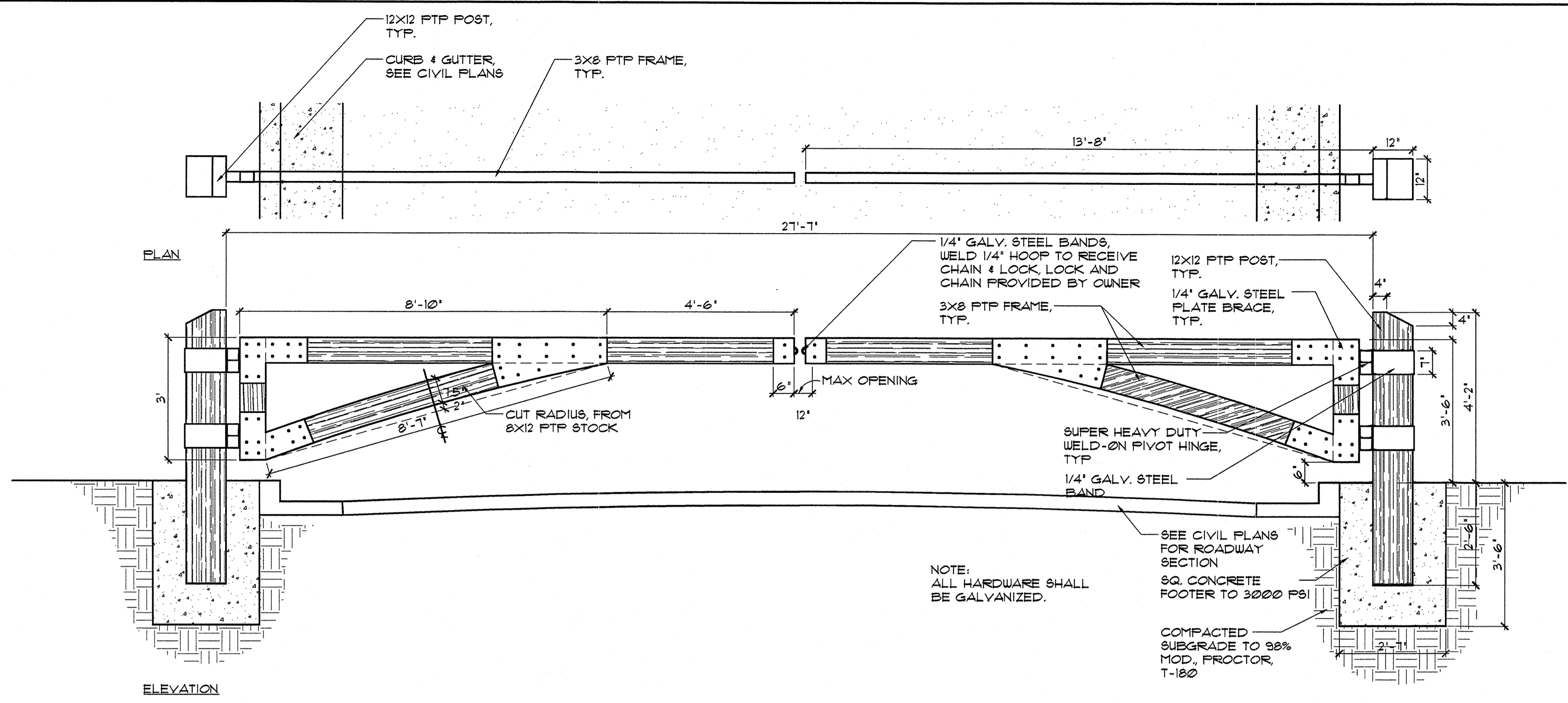
REVISIONS:
 1 09/28/12 Review Comments
 2 01/24/13 Review Comments

SCALE	AS NOTED
DATE	11/01/2012
PROJECT #	12.111.00
DESIGNED	RP/MH
CHECKED	FB
SEAL	

LAKE COUNTY BUILDING DIVISION
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MH
 3/22/13

RECEIVED APR 8 2013
 SHEET
SD-1

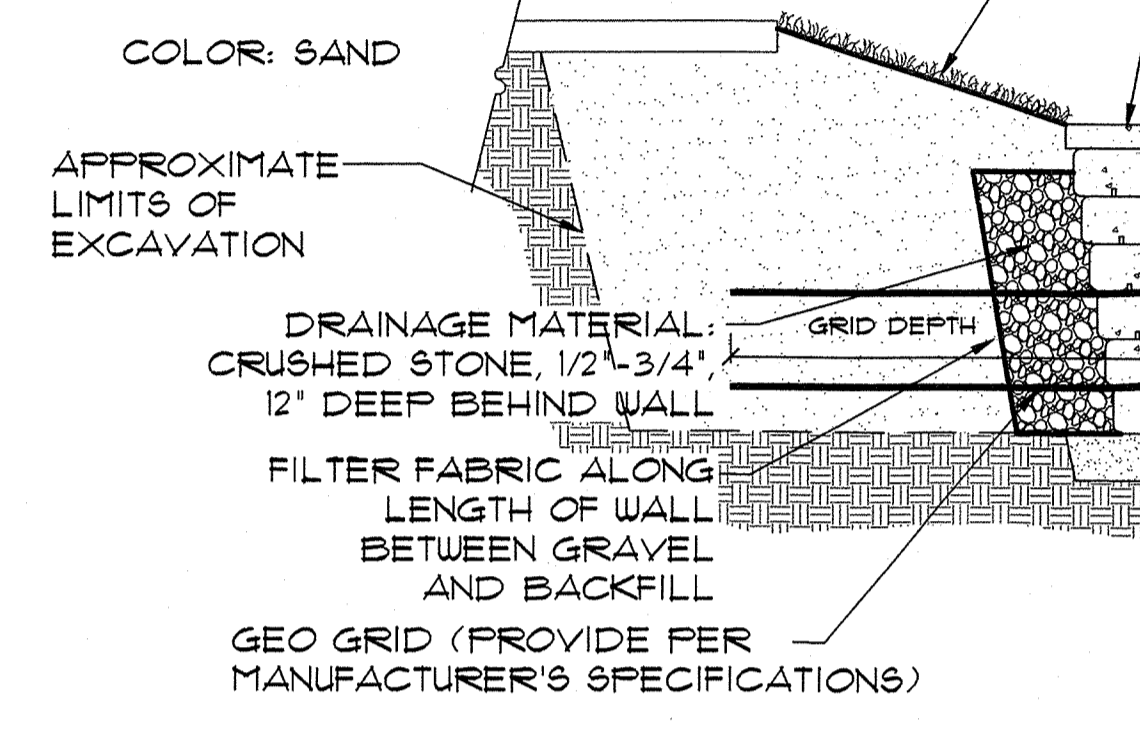


1 VEHICULAR ENTRY GATE
 SD-1 1/2" = 1'-0"

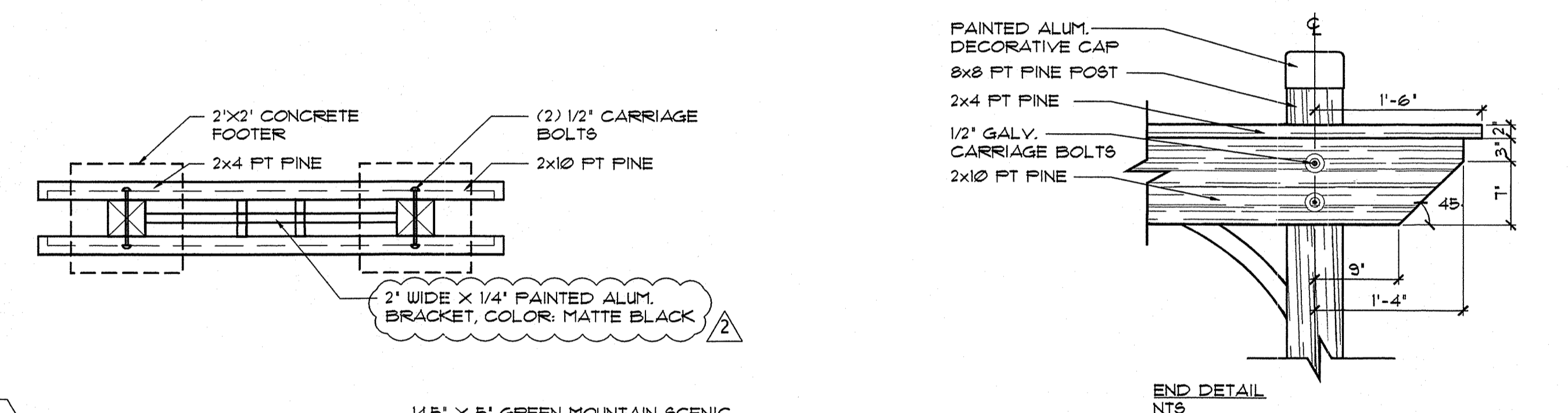
NOTE:
 PROVIDE SHOP DRAWINGS SIGNED AND SEALED BY STRUCTURAL ENGINEER, REGISTER IN THE STATE OF FLORIDA FOR RETAINING WALL DESIGN.

ANY OF THE SEGMENTED RETAINING WALL MANUF. LISTED BELOW ARE ACCEPTABLE, OR AN APPROVED EQUAL

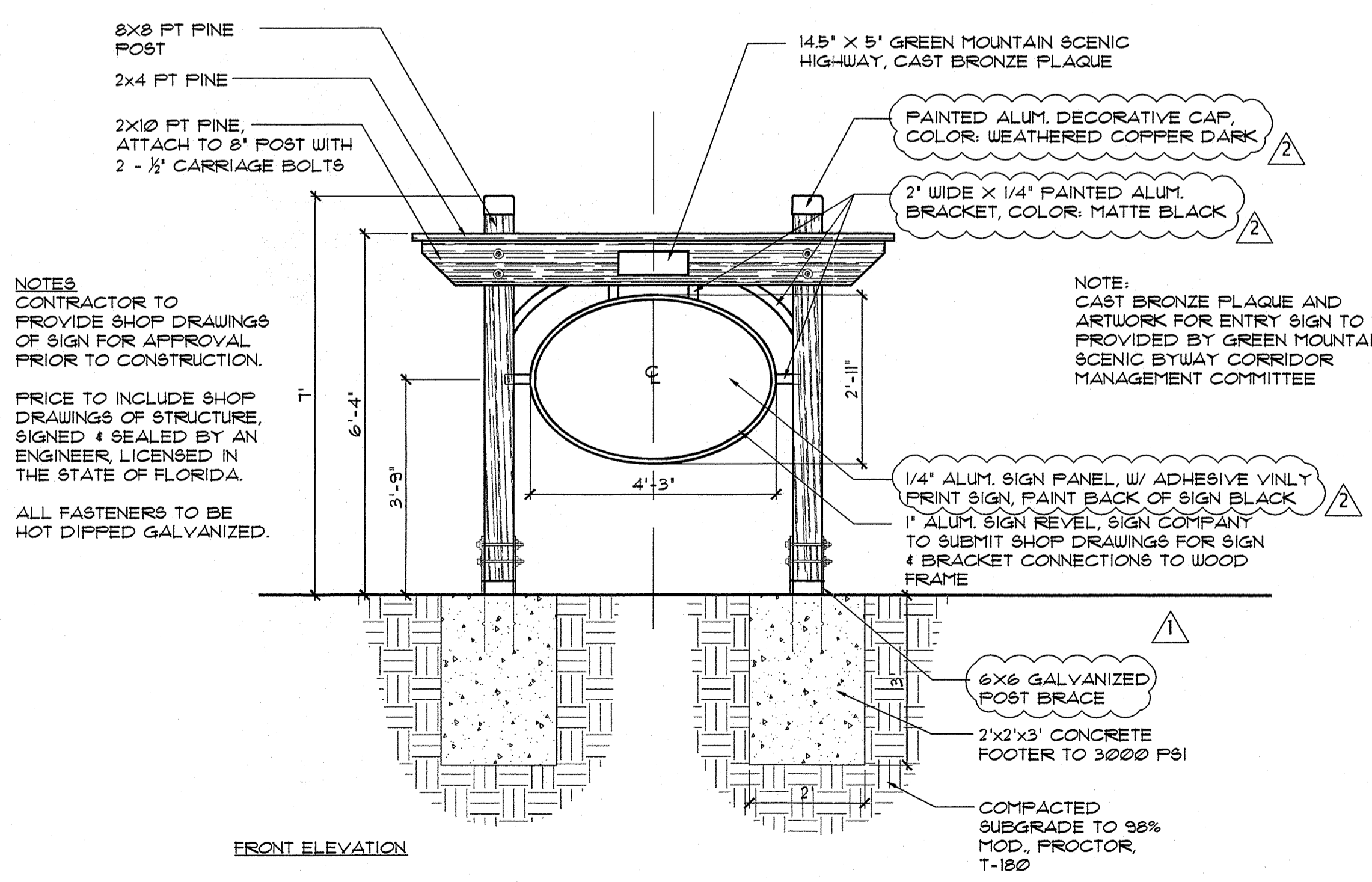
1. TREMOR - KEYSTONE COMPACT
2. VERSA-LOK - STANDARD
3. BELGARD - DIAMOND



2 SEGMENTED RETAINING WALL SECTION
 SD-1 SCALE 1/2" = 1'-0"

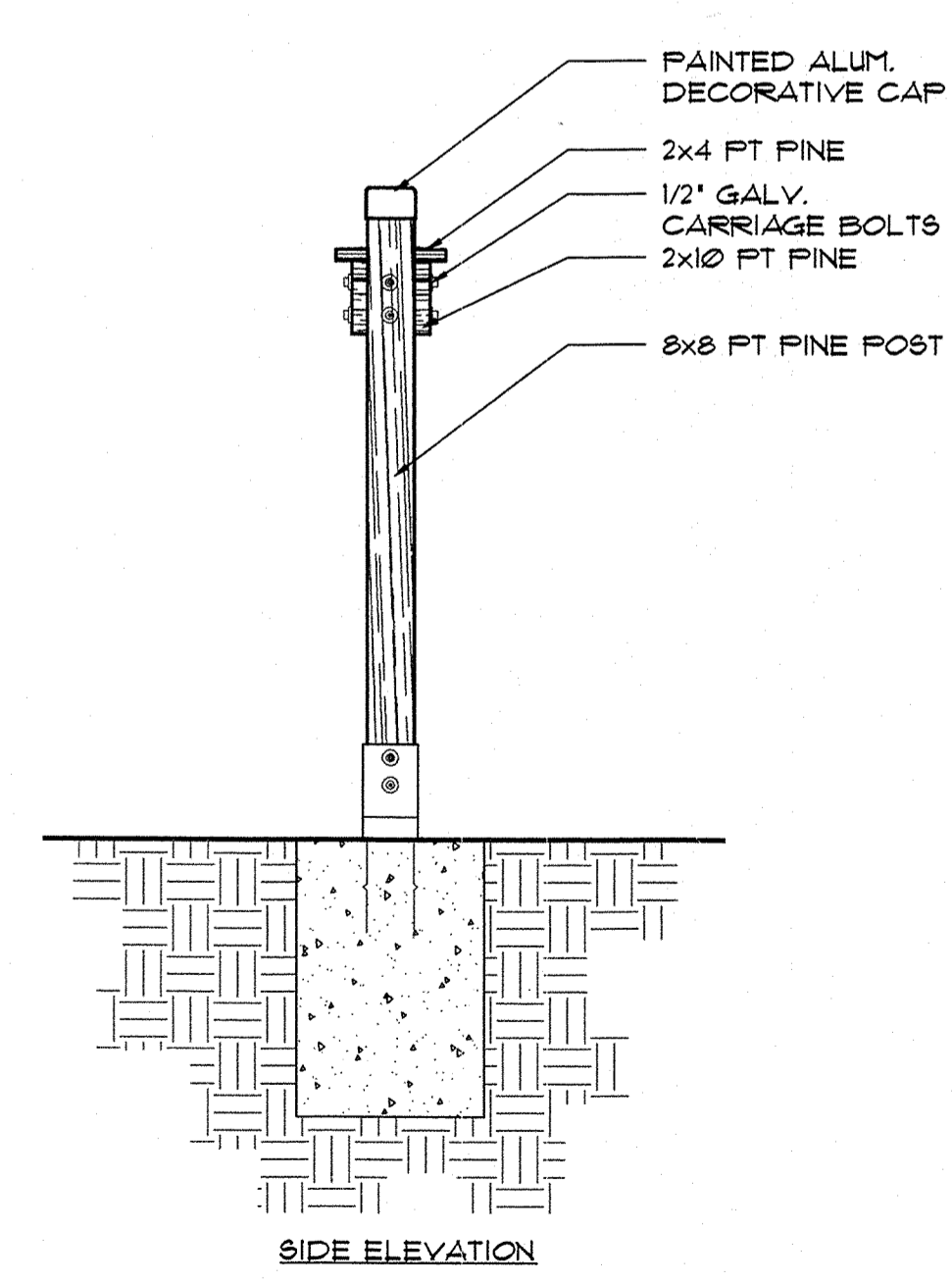


END DETAIL
 NTS



NOTES:
 CONTRACTOR TO PROVIDE SHOP DRAWINGS OF SIGN FOR APPROVAL PRIOR TO CONSTRUCTION.
 PRICE TO INCLUDE SHOP DRAWINGS OF STRUCTURE, SIGNED & SEALED BY AN ENGINEER, LICENSED IN THE STATE OF FLORIDA.
 ALL FASTENERS TO BE HOT DIPPED GALVANIZED.

NOTE:
 CAST BRONZE PLAQUE AND ARTWORK FOR ENTRY SIGN TO BE PROVIDED BY GREEN MOUNTAIN SCENIC BYWAY CORRIDOR MANAGEMENT COMMITTEE



SIDE ELEVATION

3 ENTRY SIGN
 SD-1 SCALE: 1/2" = 1'-0"

**NORTH SHORE
 OVERLOOK &
 TRAILHEAD**

LAKE COUNTY, FL
SITE DETAILS

100% REVIEW

CONSULTANT:

REVISIONS:

▲ 09/28/12 Review Comments

SCALE	AS NOTED
DATE	11/01/2012
PROJECT #	12.1111.00
DESIGNED	RP/MH
CHECKED	FB
SEAL	

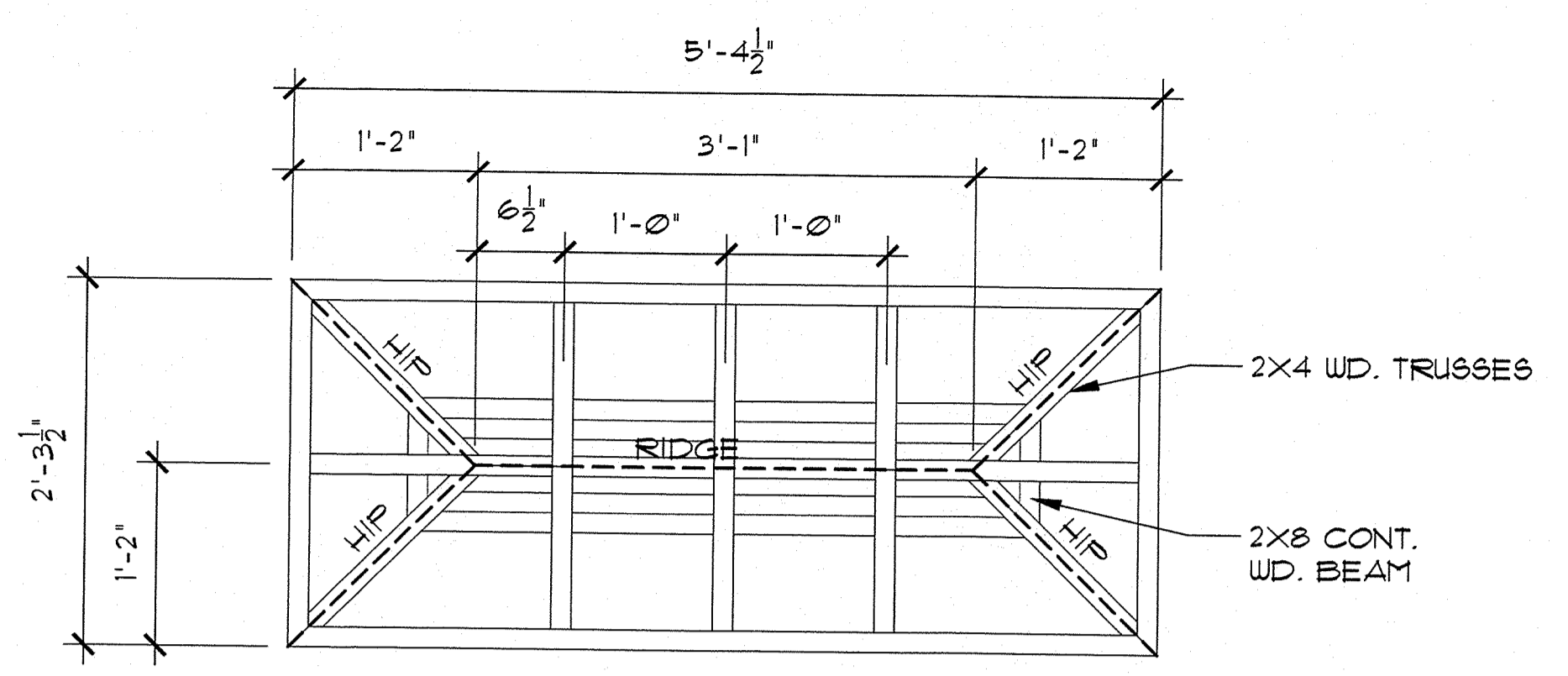
LAKE COUNTY BUILDING DIVISION
 Any errors or omissions in these plans shall be
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 requirements per Florida Building Code section
 105.4.1. Plans were reviewed for code
 compliance and shall be kept on job site.

RECEIVED APR 08 2013

MH
 3/22/13

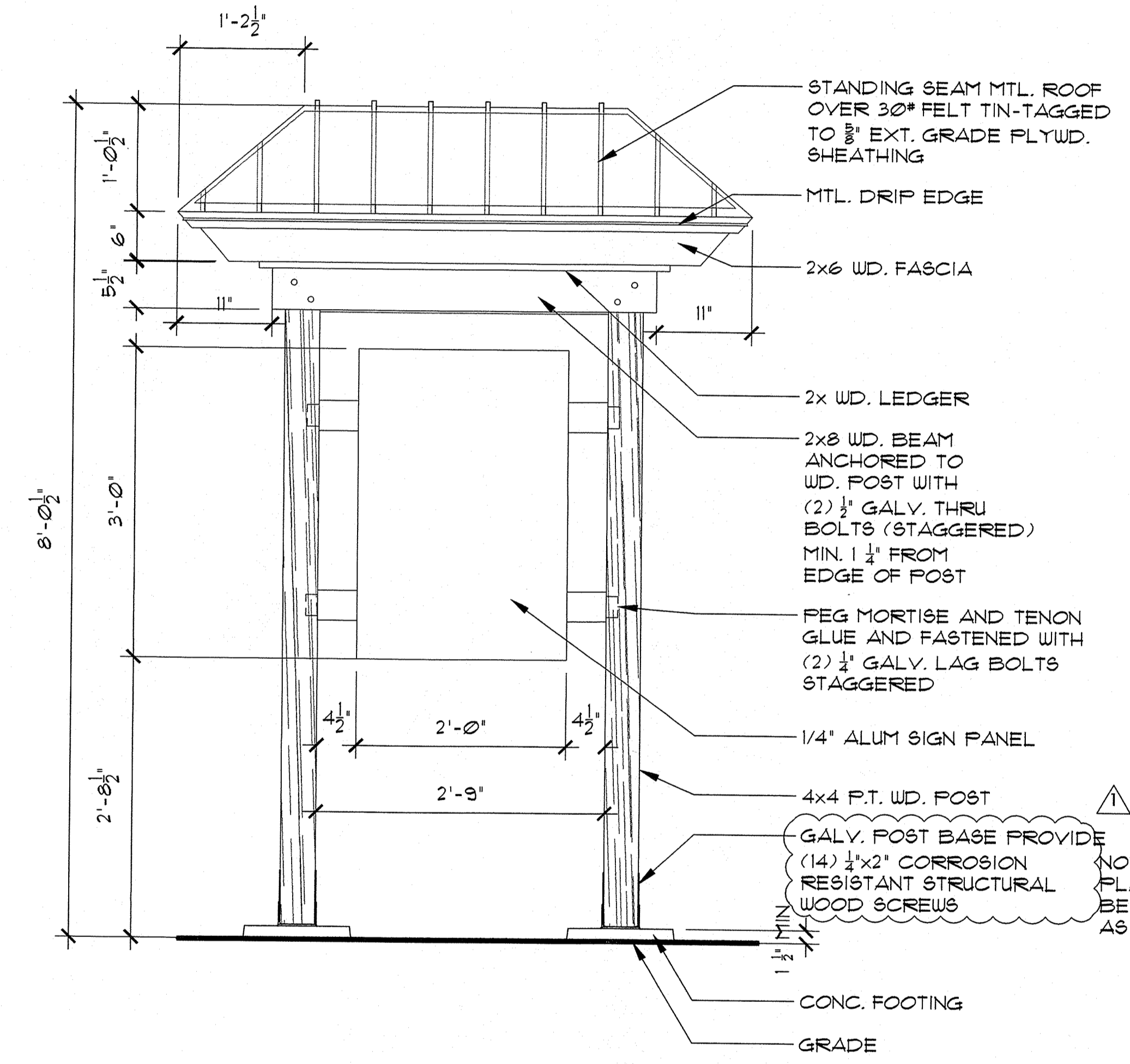
SHEET

SD-2

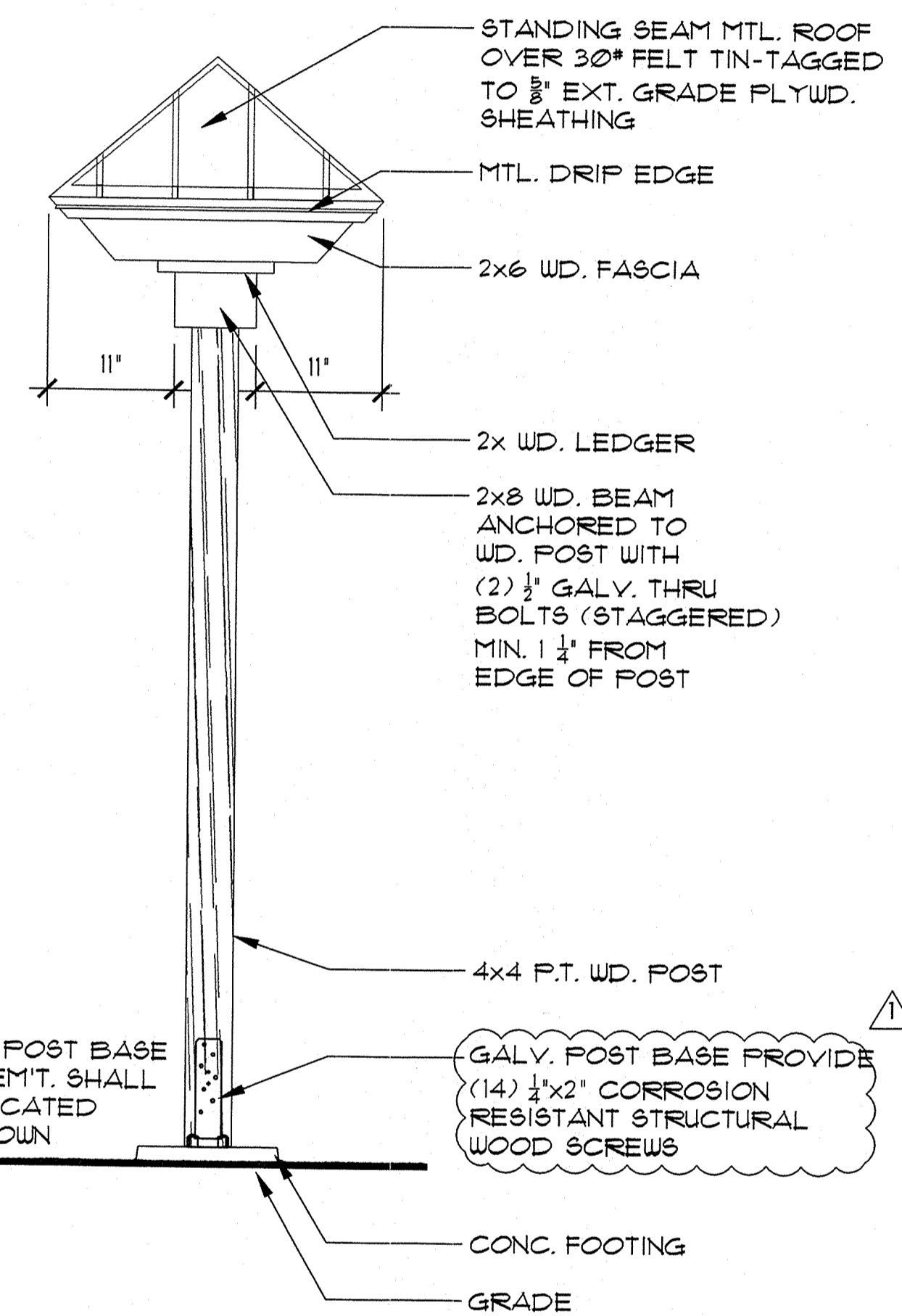


PLAN

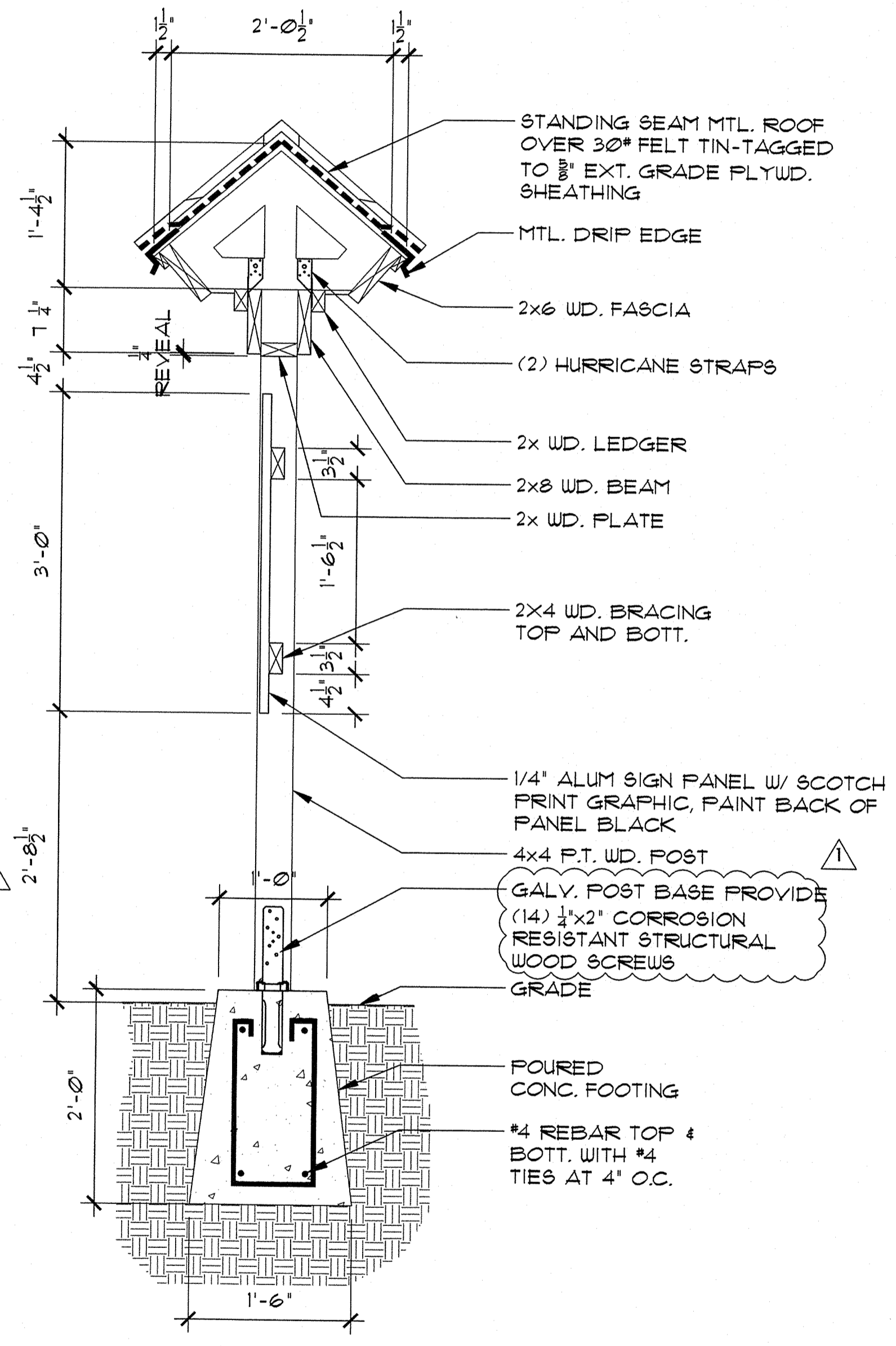
NOTE:
 ARTWORK FOR INTERPRETIVE
 SIGN TO BE PROVIDED BY
 THE GREEN MOUNTAIN SCENIC
 BYWAY CORRIDOR
 MANAGEMENT COMMITTEE



FRONT ELEVATION



SIDE ELEVATION



SECTION

1 KIOSK DETAILS
 SD-2 1" = 1'-0"

Plotting done by: [unreadable] on: [unreadable] at: [unreadable]

**NORTH SHORE
OVERLOOK &
TRAILHEAD**

LAKE COUNTY, FL
**PAVILION
FLOOR PLANS &
ELEVATIONS**

CONSULTANT:

ARCHITECTURE | INTERIOR DESIGN
11815 LAKE SUSAN COURT • CLEWISTON, FLORIDA 34711
PH: (888) 874-2340 • FAX: (877) 460-7183
www.powellstudioarch.com
AA# 26002236

REVISIONS:
② FDOT COMMENTS 01/24/13
③ BD COMMENTS 05/12/13

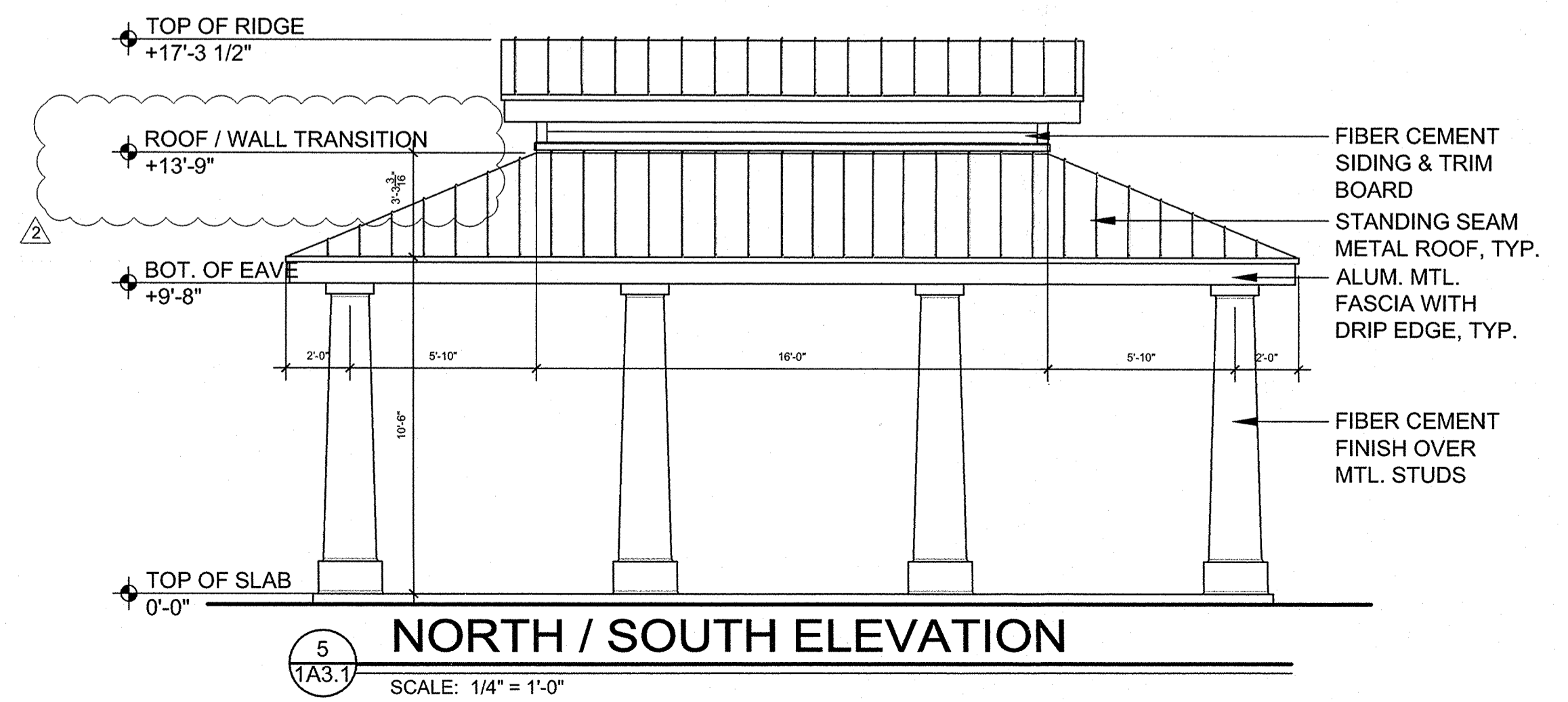
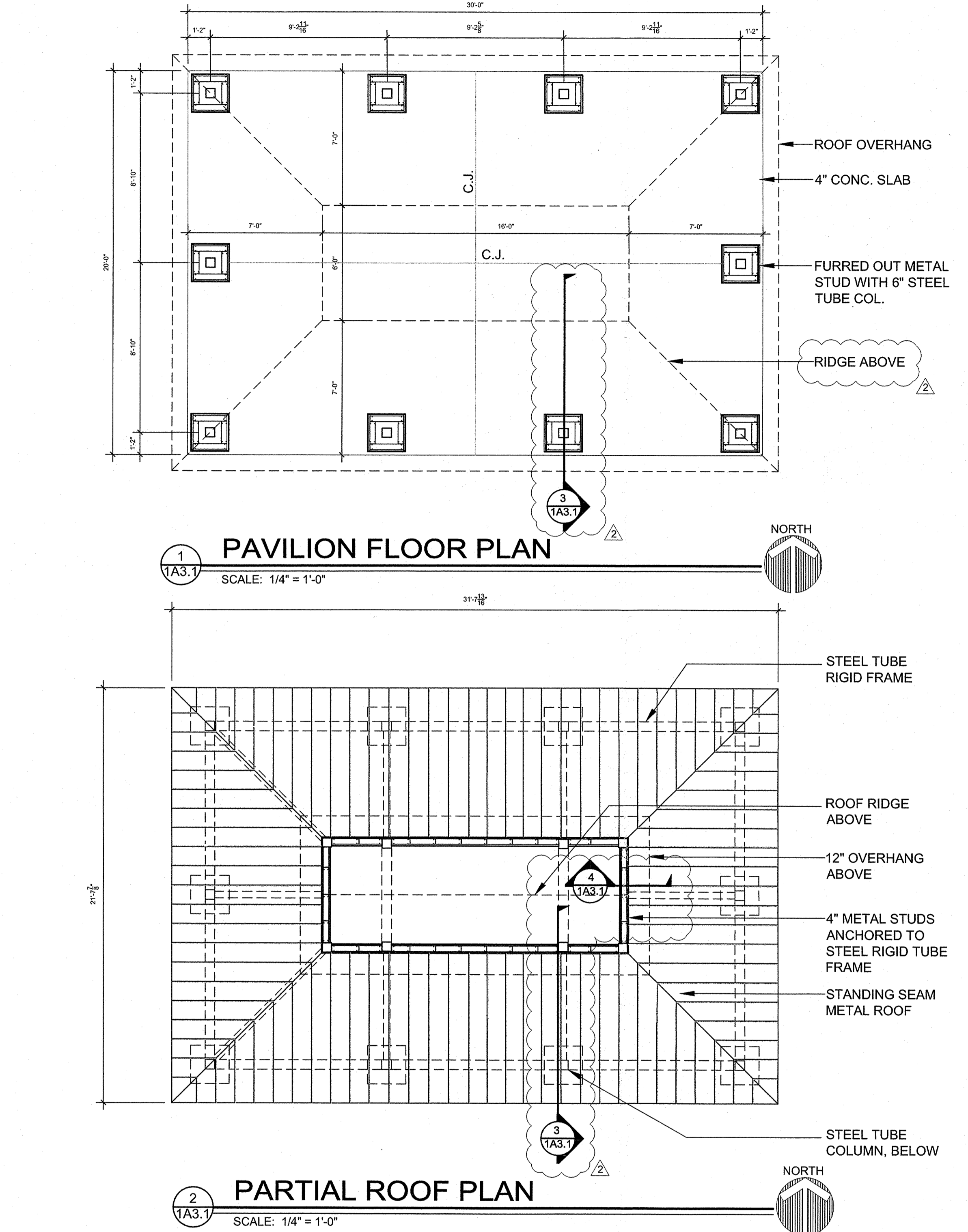
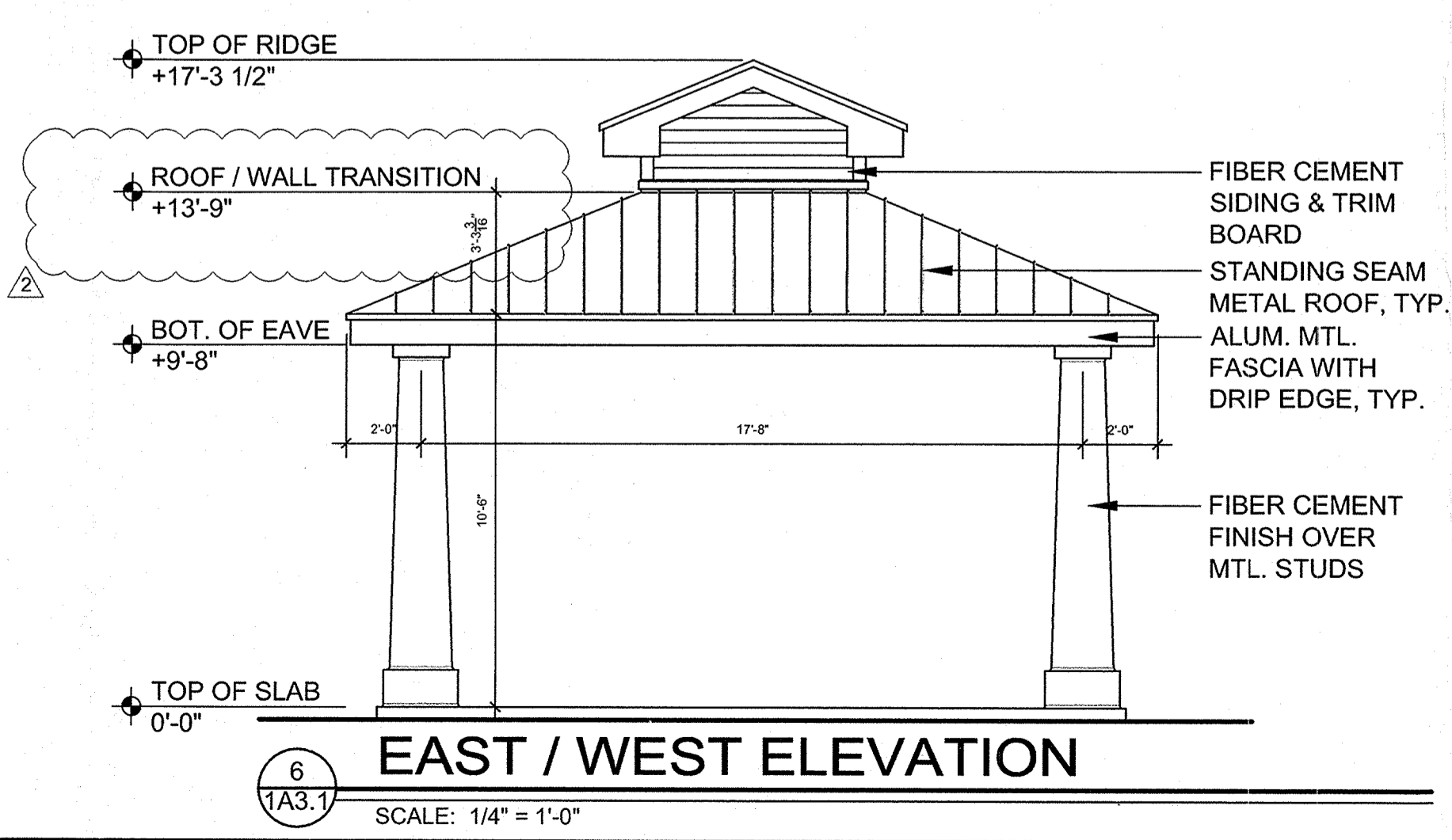
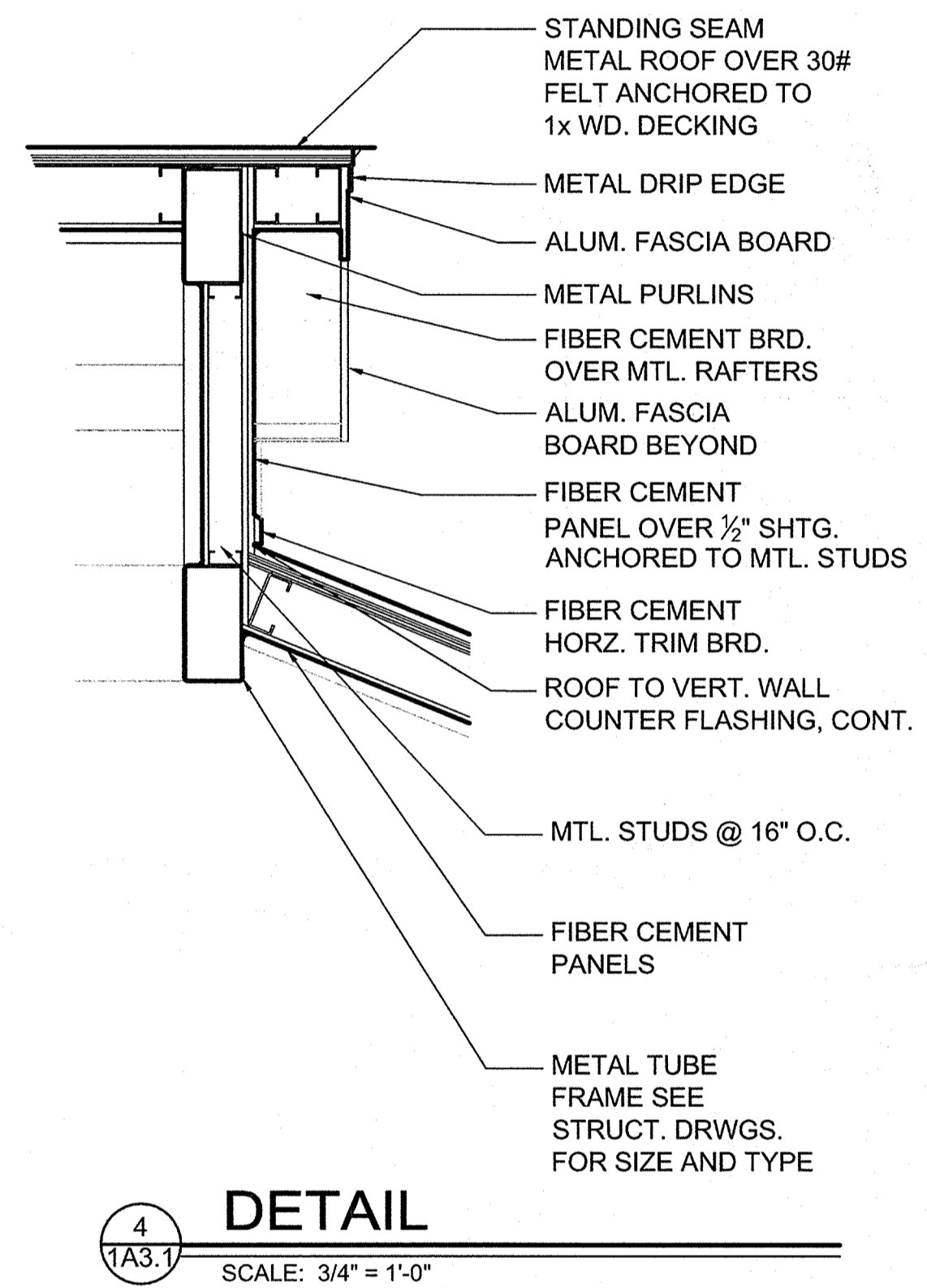
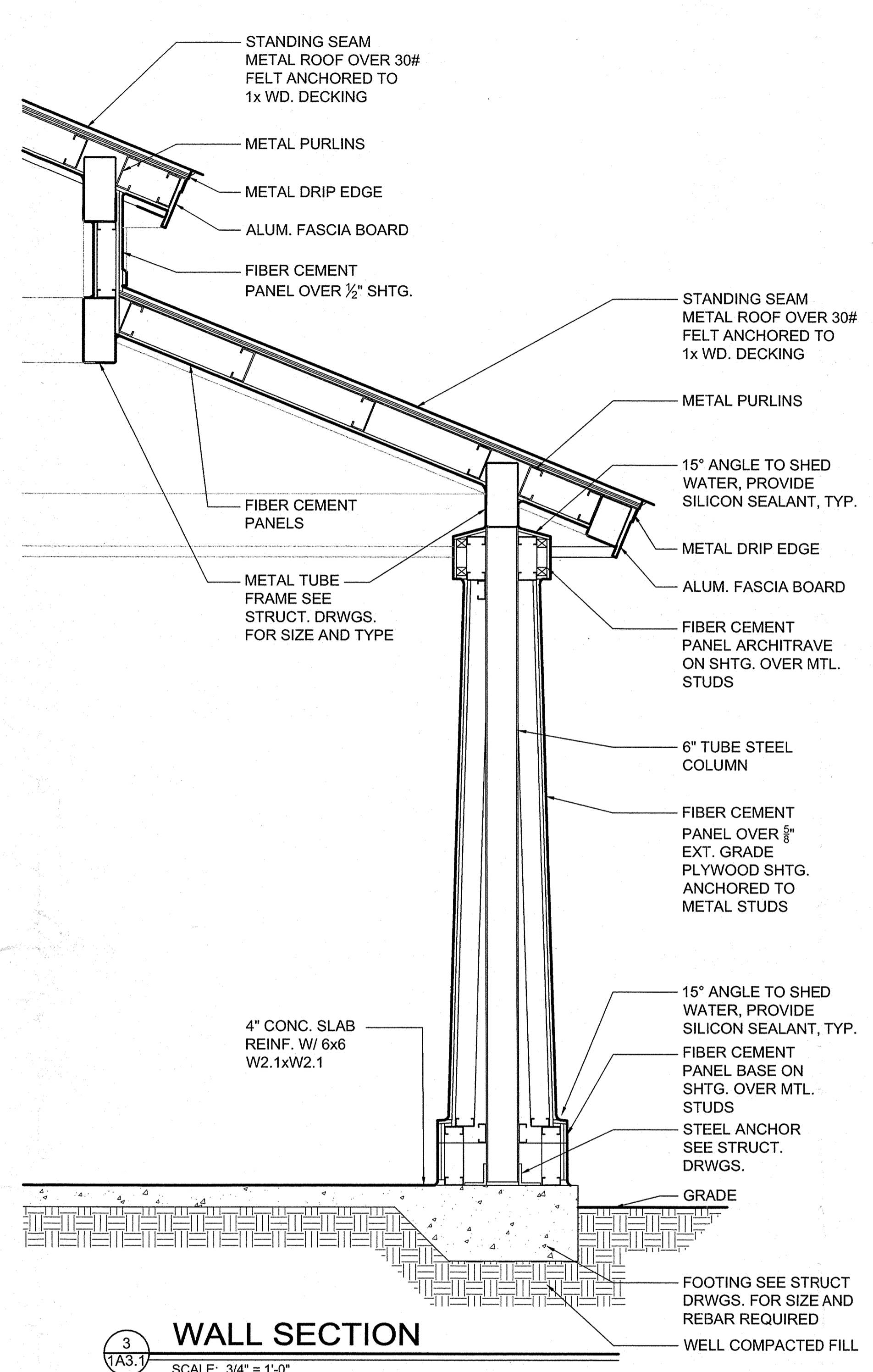
LAKE COUNTY BUILDING DIVISION
Any errors or omissions in these plans shall be
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requirements per Florida Building Code section
105.4.1. Plans were reviewed for code
compliance and shall be kept on job site.

SCALE	OO
DATE	11/19/2012
PROJECT #	12.111.00
DESIGNED	XX
CHECKED	XX
SEAL	

[Signature]
MAY 14 2013

BUILDING AREA TABULATION TOTAL:

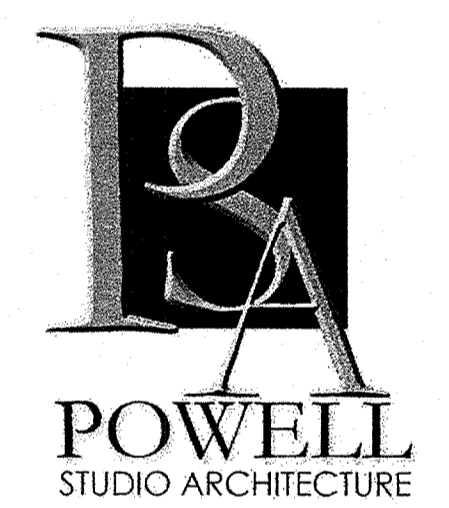
PRE-ENGINEERED PAVILION:	600 SQ.FT.
RESTROOM BUILDING:	173 SQ.FT.
COVERED PORCH:	142 SQ.FT.
RESTROOM BUILDING TOTAL:	315 SQ.FT.
OVERLOOK TOWER:	690 SQ.FT.
3RD FLOOR:	690 SQ.FT.
3RD FLR. WALKWAY:	2,461 SQ.FT.
2ND LEVEL:	220 SQ.FT.
GROUND LEVEL:	120 SQ.FT.
OVERLOOK TOWER BUILDING TOTAL:	3,491 SQ.FT.



**NORTH SHORE
OVERLOOK &
TRAILHEAD**

LAKE COUNTY, FL
**RESTROOM
FLOOR PLANS &
ELEVATIONS**

CONSULTANT:

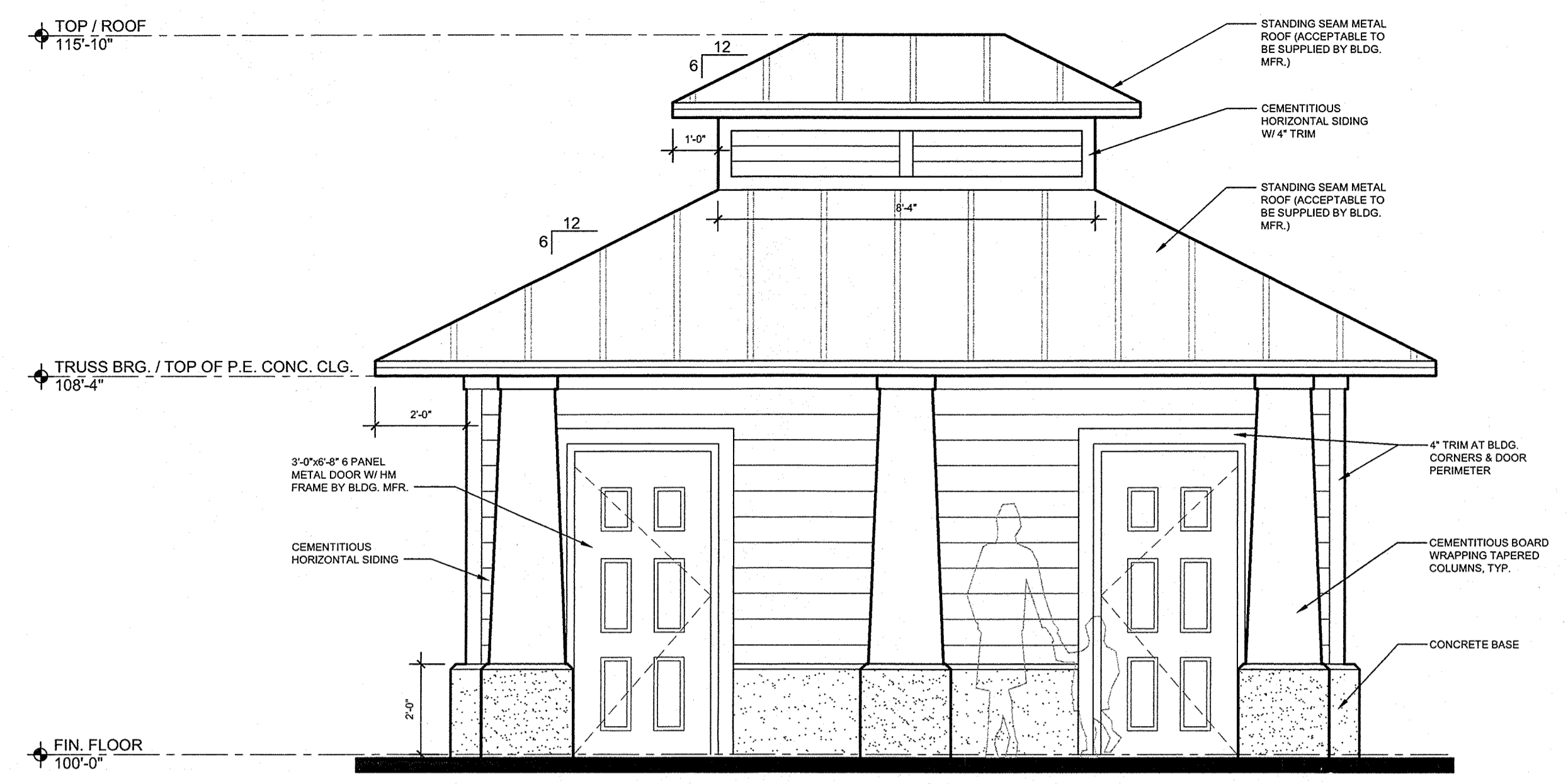


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AA# 24002236

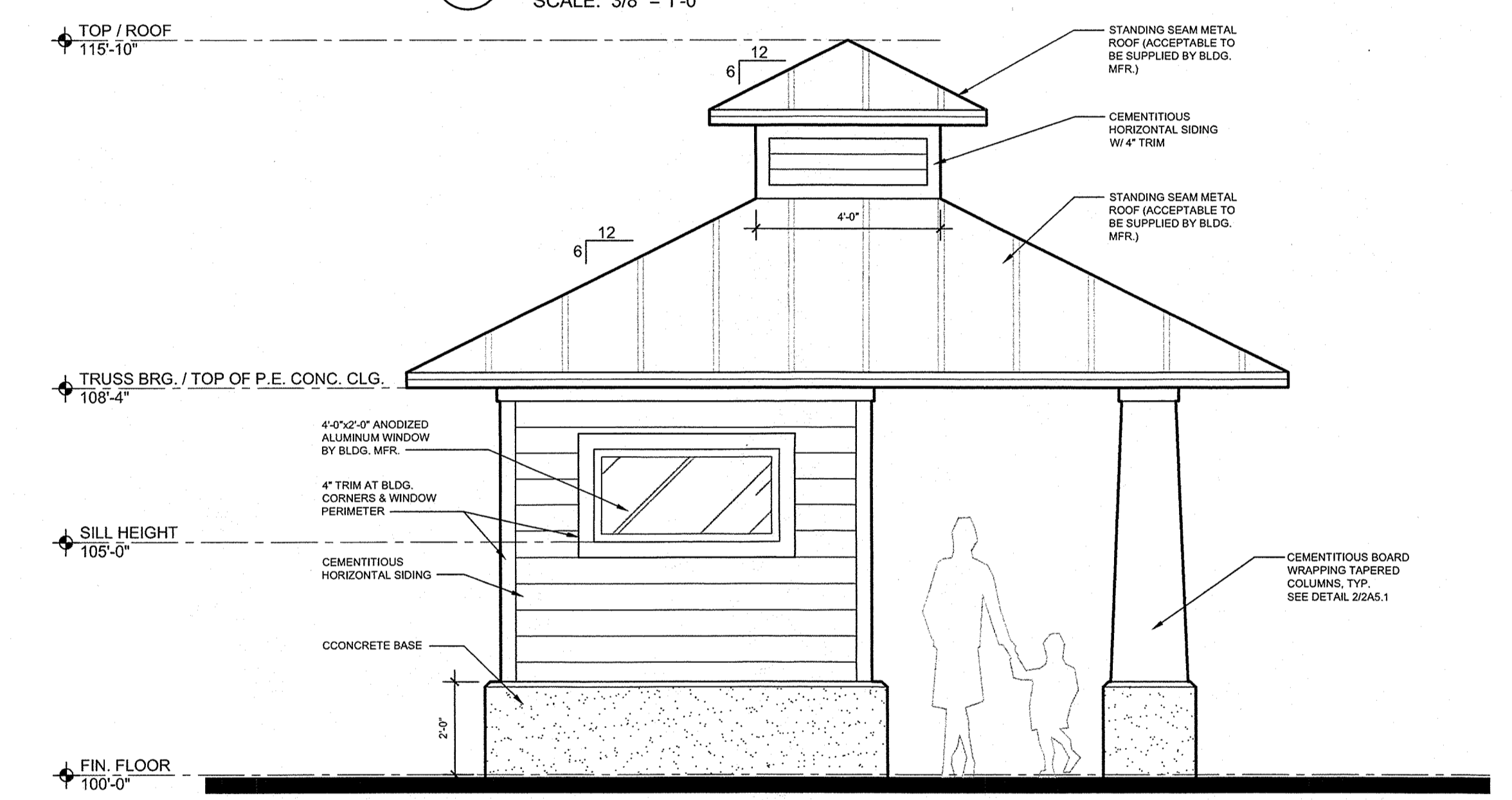
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DATE	08/03/2012
PROJECT #	12.111.00
DESIGNED	XX
CHECKED	XX
SEAL	

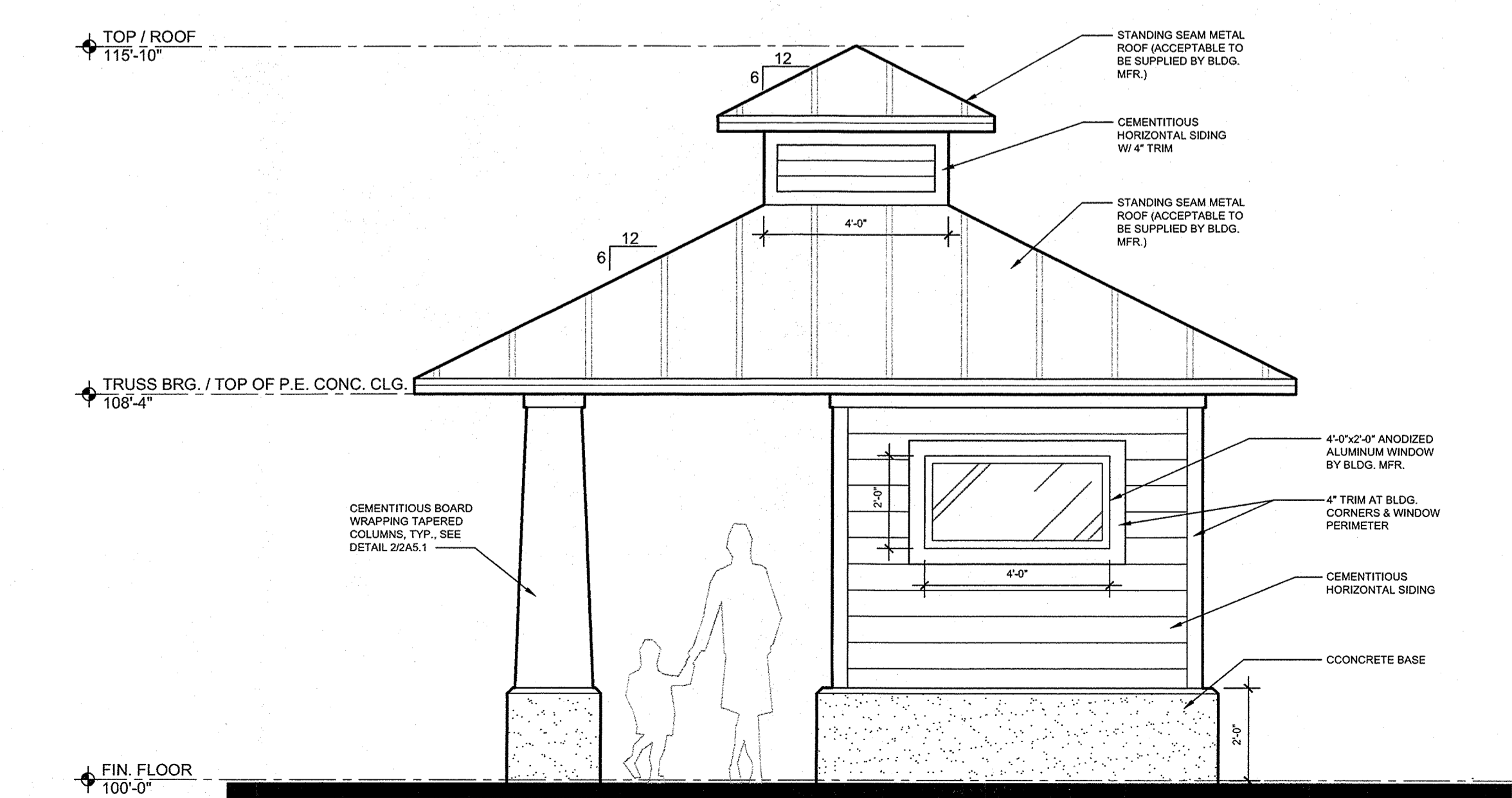
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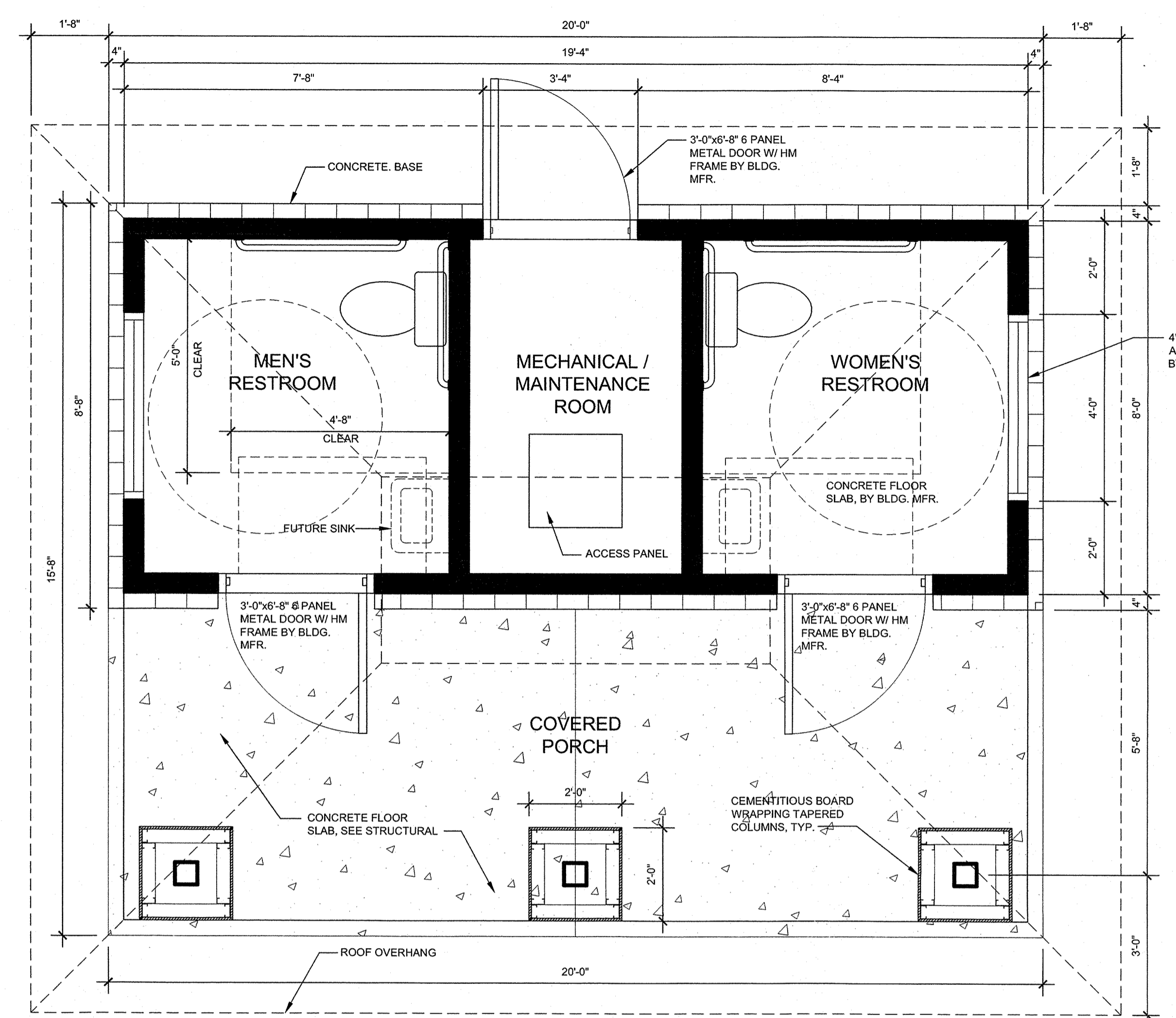
2 FRONT ELEVATION
2A3.1 SCALE: 3/8" = 1'-0"



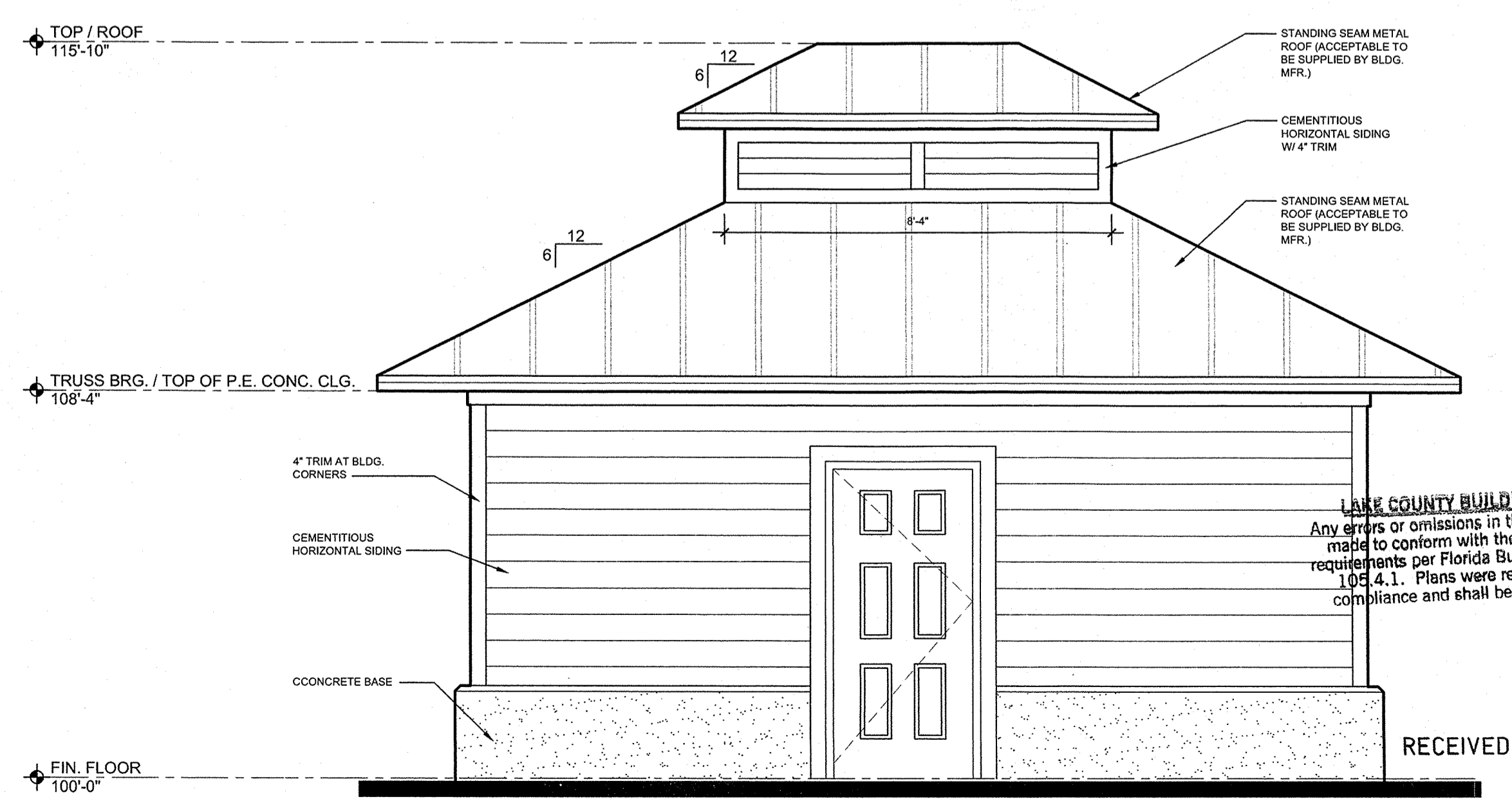
3 SIDE ELEVATION
2A3.1 SCALE: 3/8" = 1'-0"



4 SIDE ELEVATION
2A3.1 SCALE: 3/8" = 1'-0"



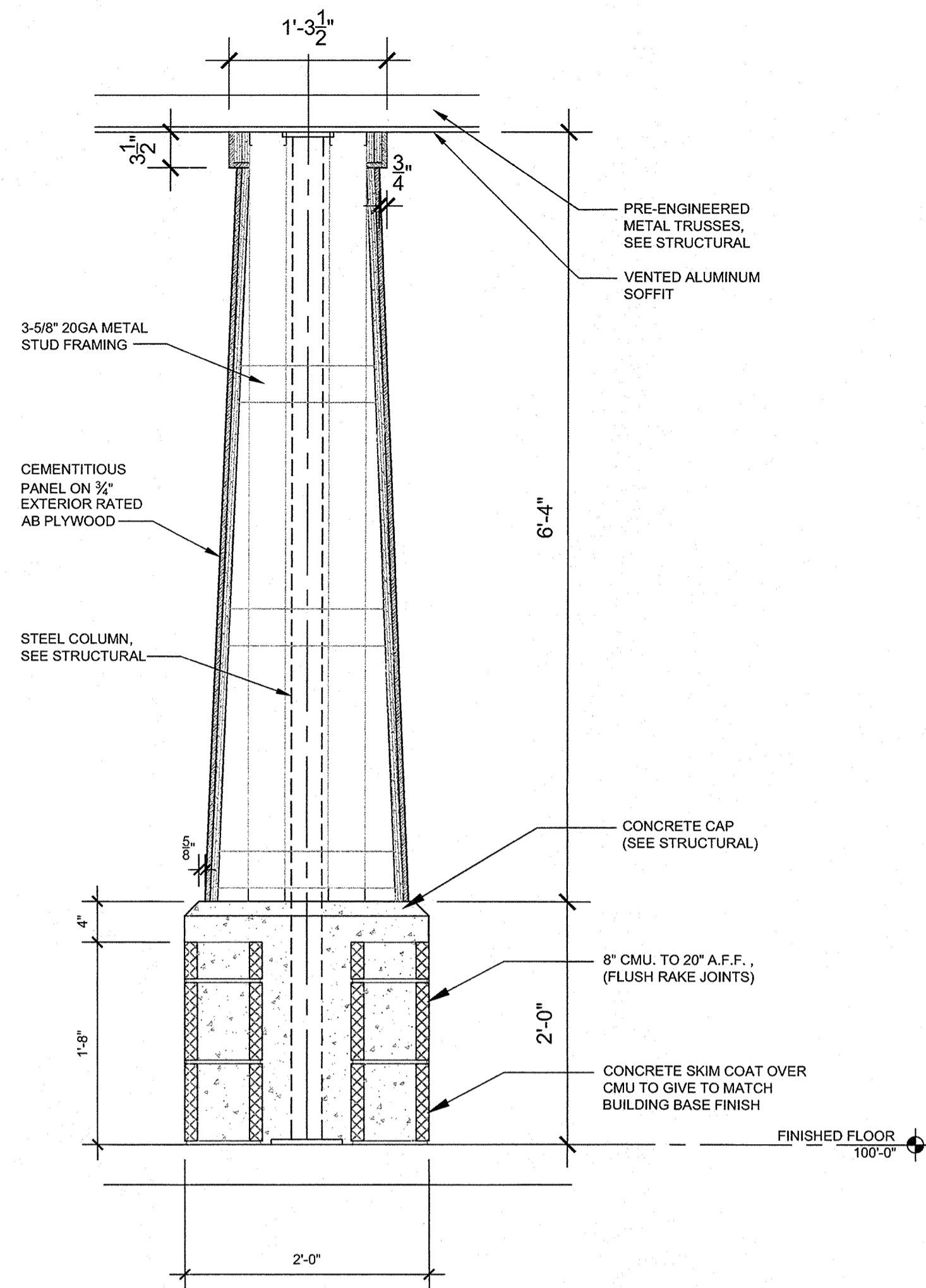
1 RESTROOM FLOOR PLAN
2A3.1 SCALE: 3/8" = 1'-0"



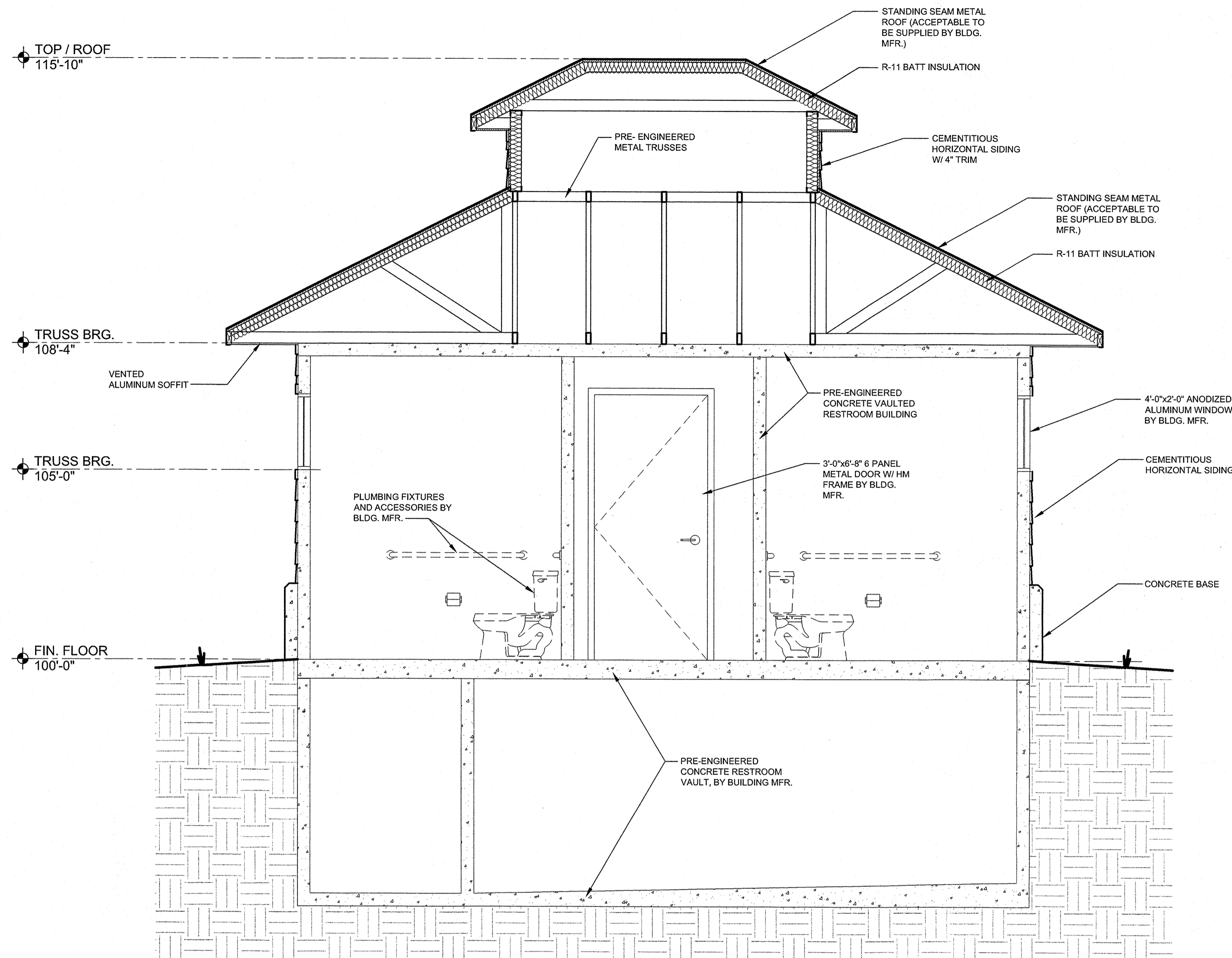
5 REAR ELEVATION
2A3.1 SCALE: 3/8" = 1'-0"

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5
2A5.1
COLUMN DETAIL
SCALE: 3/4" = 1'-0"



1
2A5.1
BUILDING SECTION
SCALE: 3/8" = 1'-0"

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LANDSCAPE ARCHITECTS

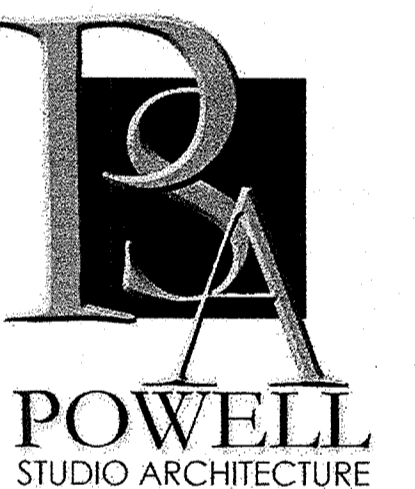


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fax 407 422 0699

**NORTH SHORE
OVERLOOK &
TRAILHEAD**

LAKE COUNTY, FL
**RESTROOM
BUILDING
SECTION &
DETAILS**

CONSULTANT:



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[Signature]
MAR 20 2013

SHEET

2A5.1

**NORTH SHORE
OVERLOOK &
TRAILHEAD**

LAKE COUNTY, FL
**OVERLOOK
TOWER FLOOR
PLANS**

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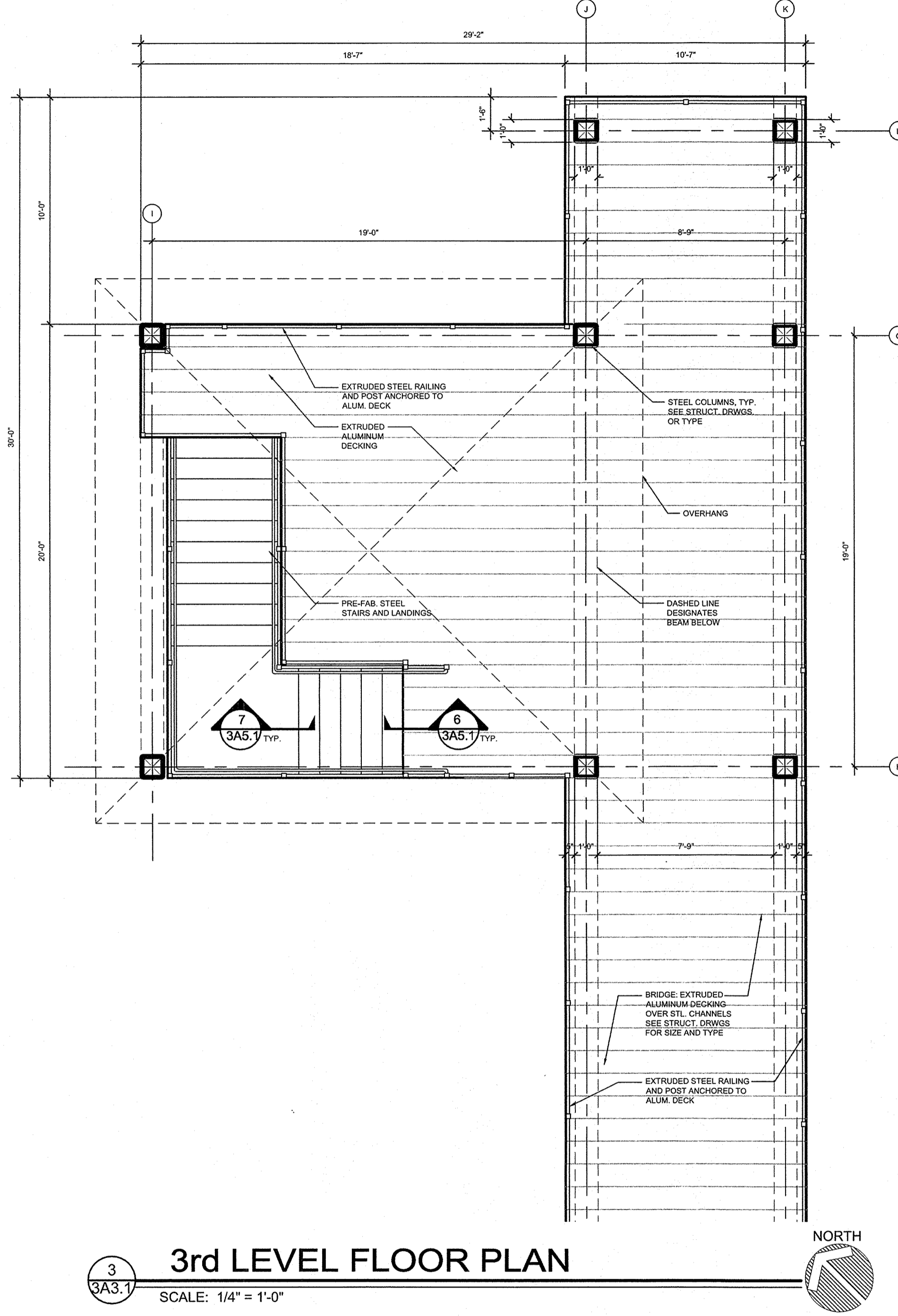
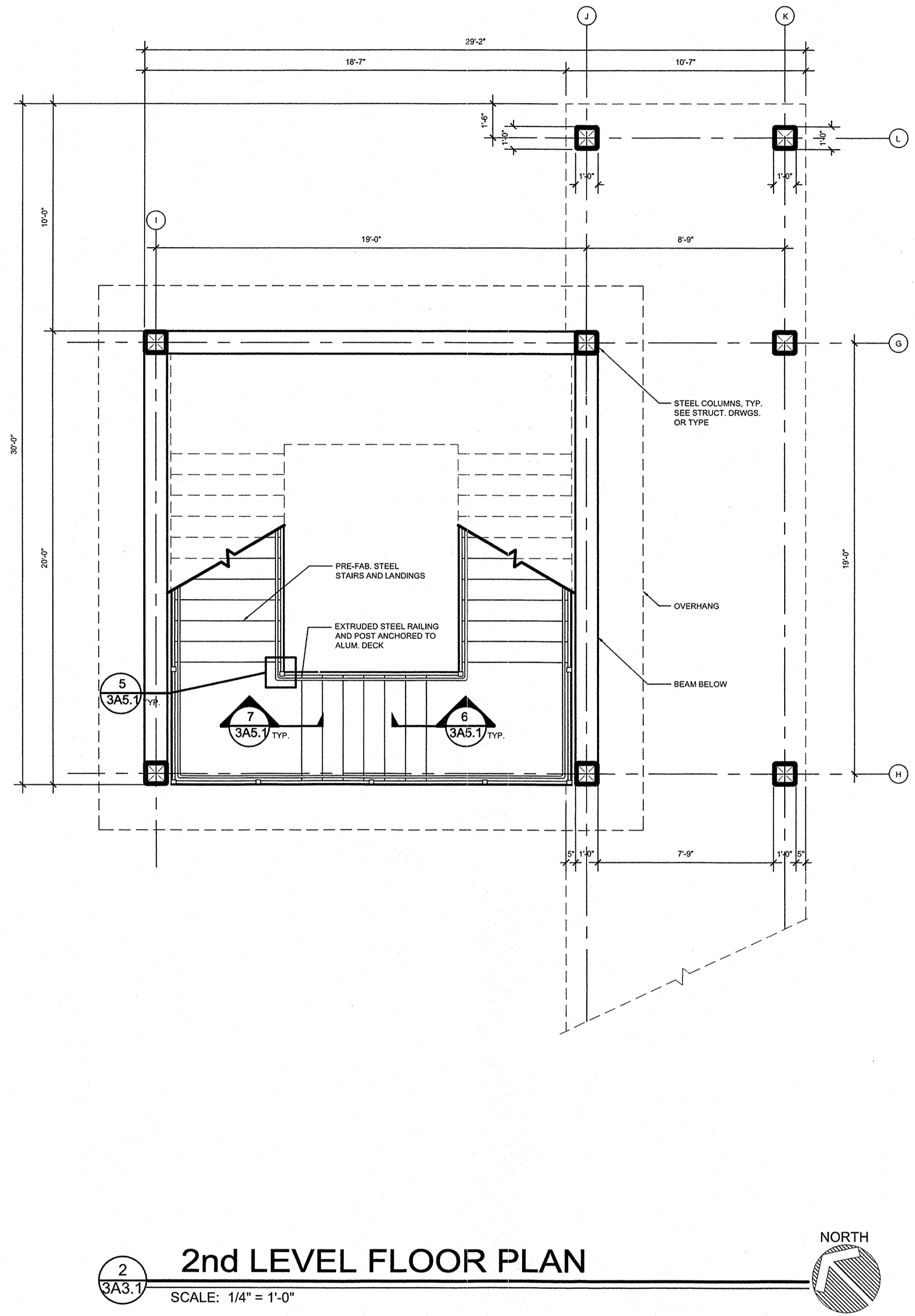
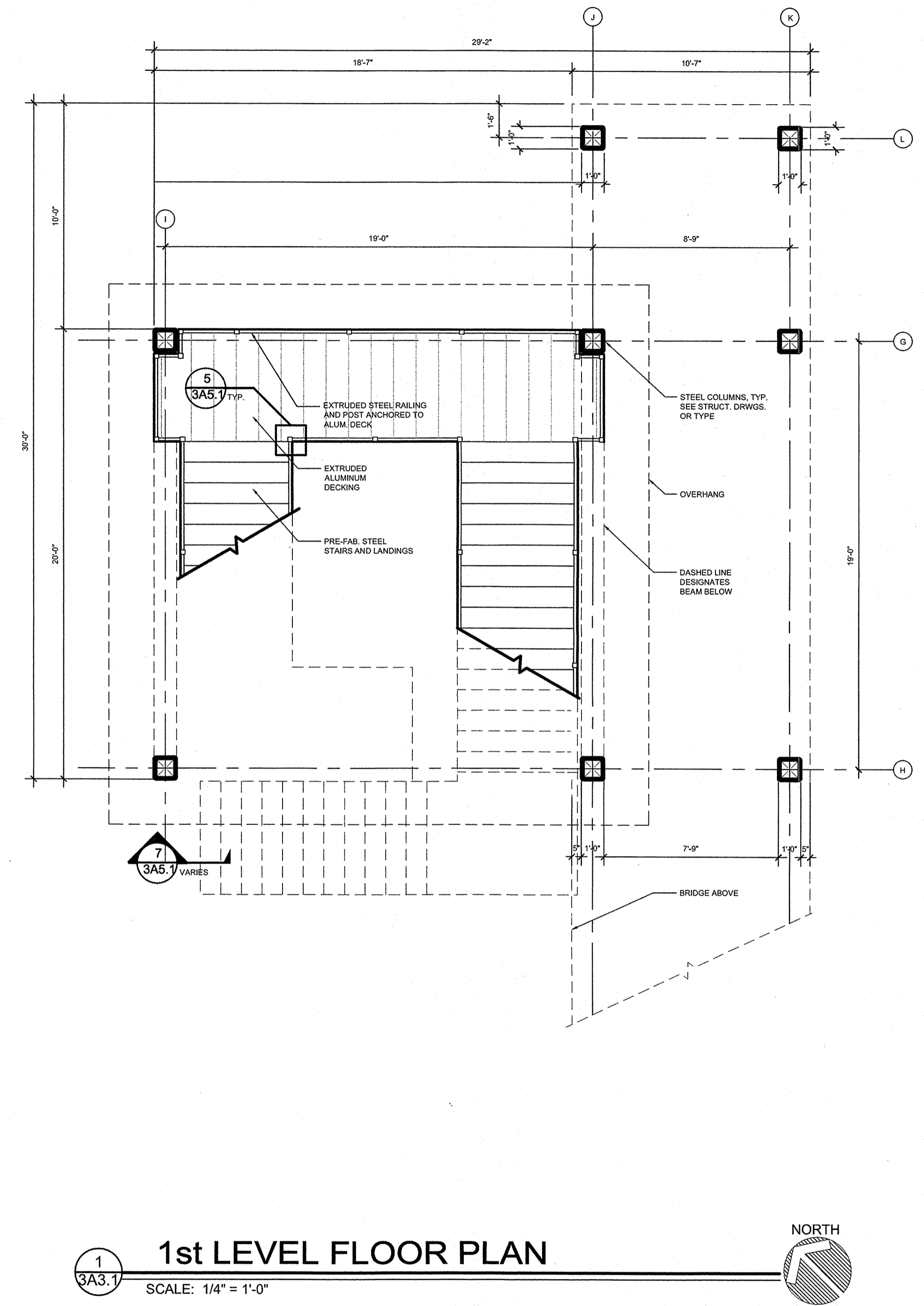
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3A3.1



**NORTH SHORE
OVERLOOK &
TRAILHEAD**

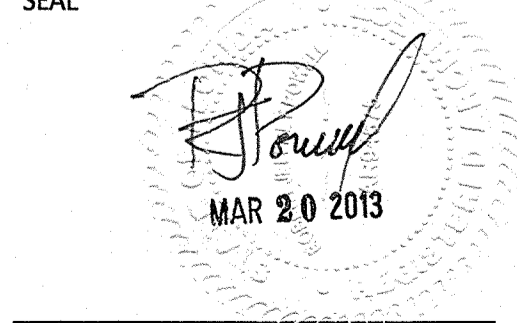
LAKE COUNTY, FL
**OVERLOOK
TOWER
ELEVATIONS**

CONSULTANT:

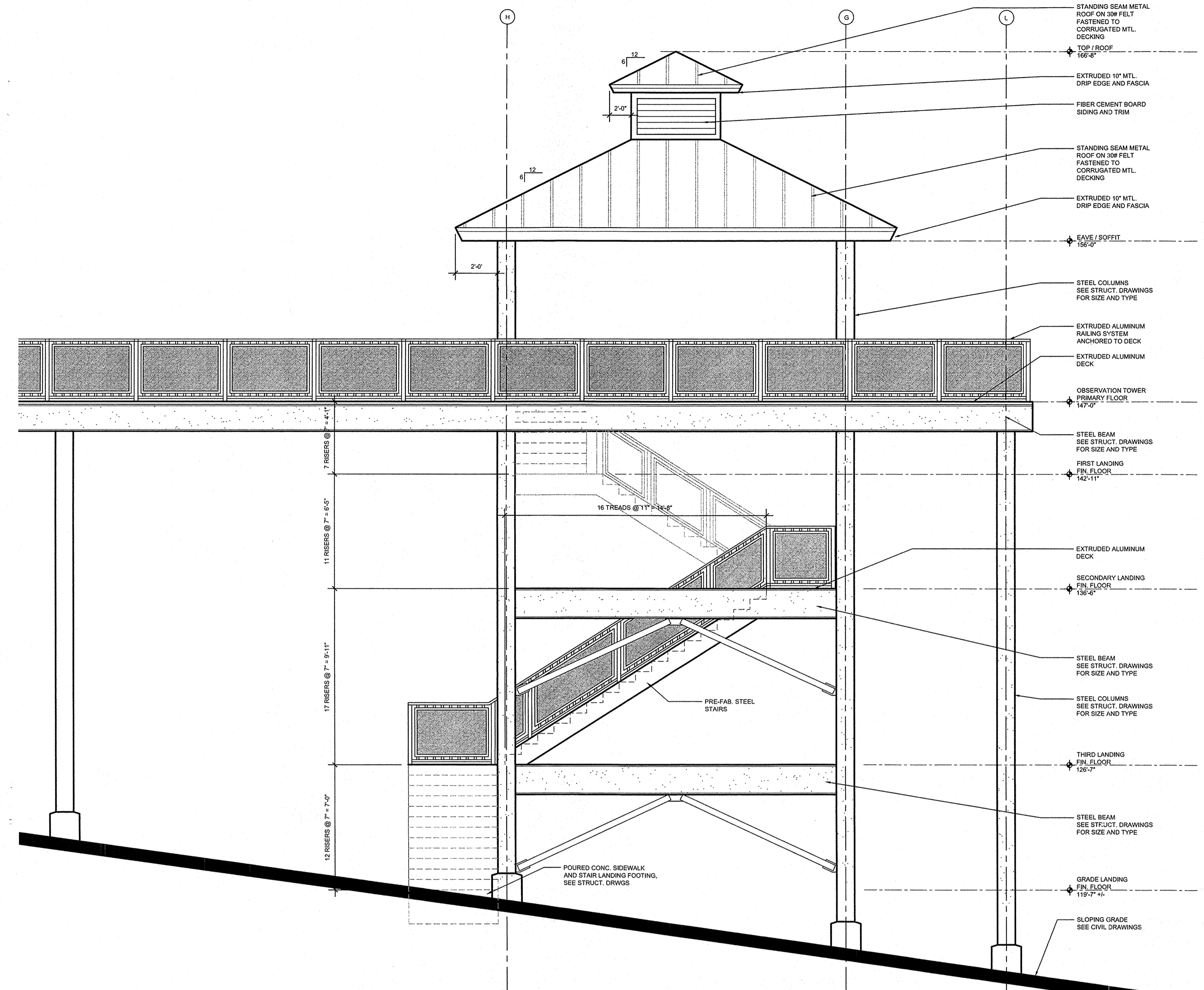


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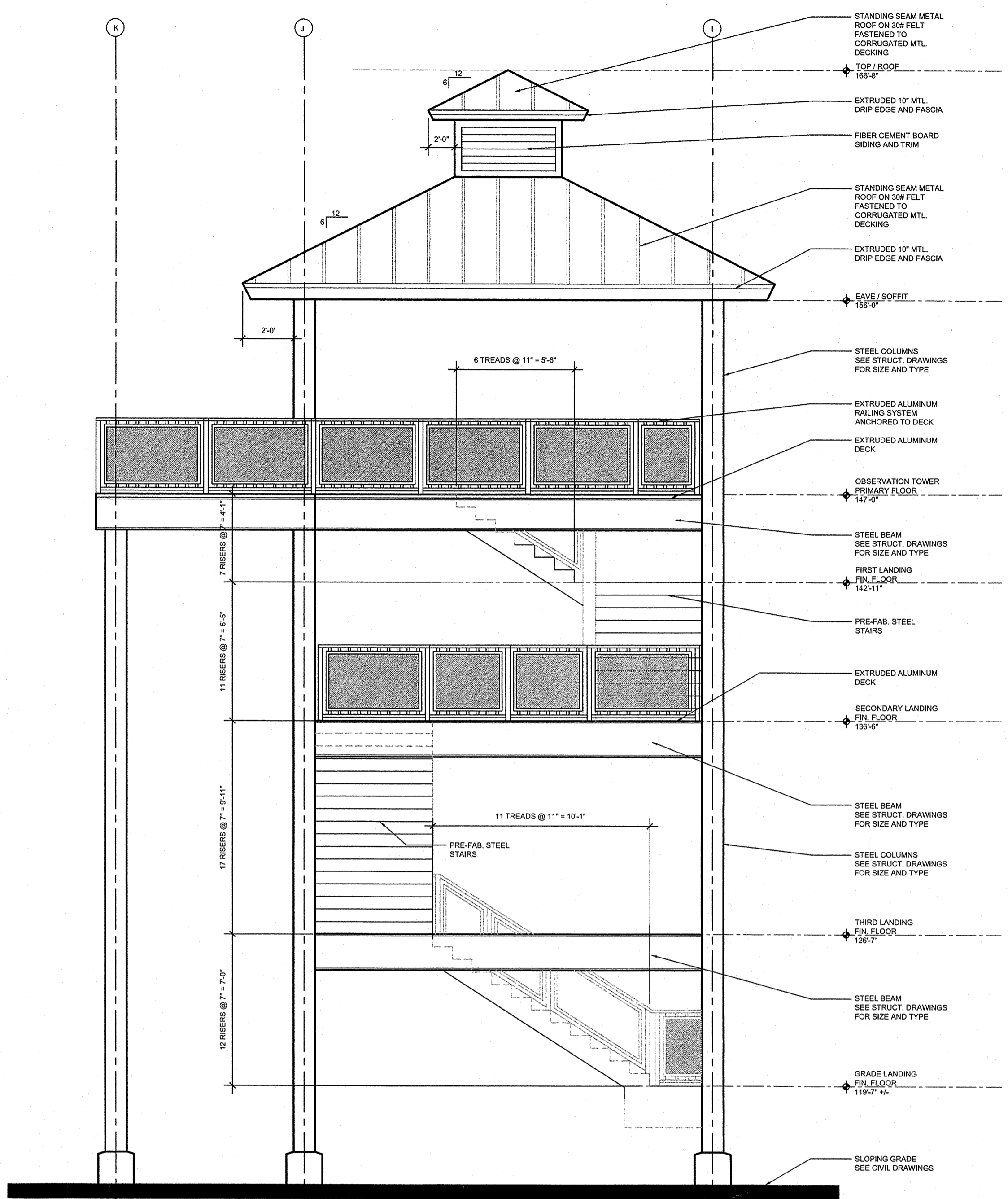
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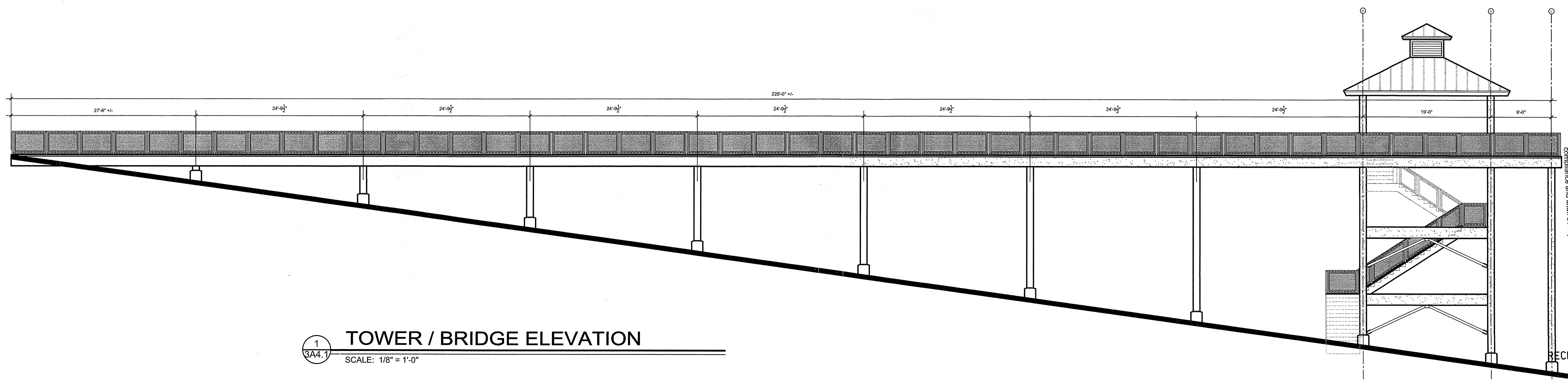
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SHEET
3A4.1



2
3A4.1
SOUTHEAST ELEVATION
SCALE: 1/4" = 1'-0"



3
3A4.1
NORTHEAST ELEVATION
SCALE: 1/4" = 1'-0"



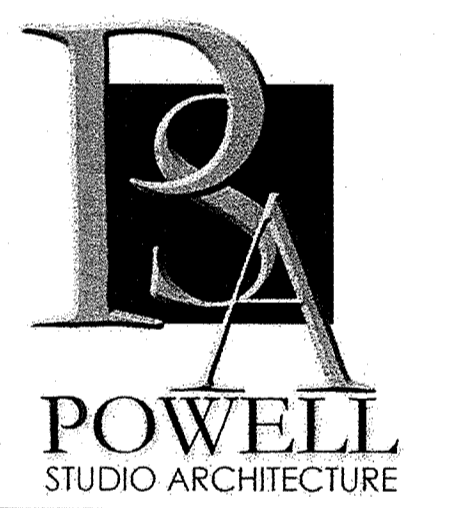
1
3A4.1
TOWER / BRIDGE ELEVATION
SCALE: 1/8" = 1'-0"

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**NORTH SHORE
 OVERLOOK &
 TRAILHEAD**

LAKE COUNTY, FL
**OVERLOOK
 TOWER
 ELEVATIONS**

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REVISIONS:

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DATE	11/19/2012
PROJECT #	12.1111.00
DESIGNED	XX
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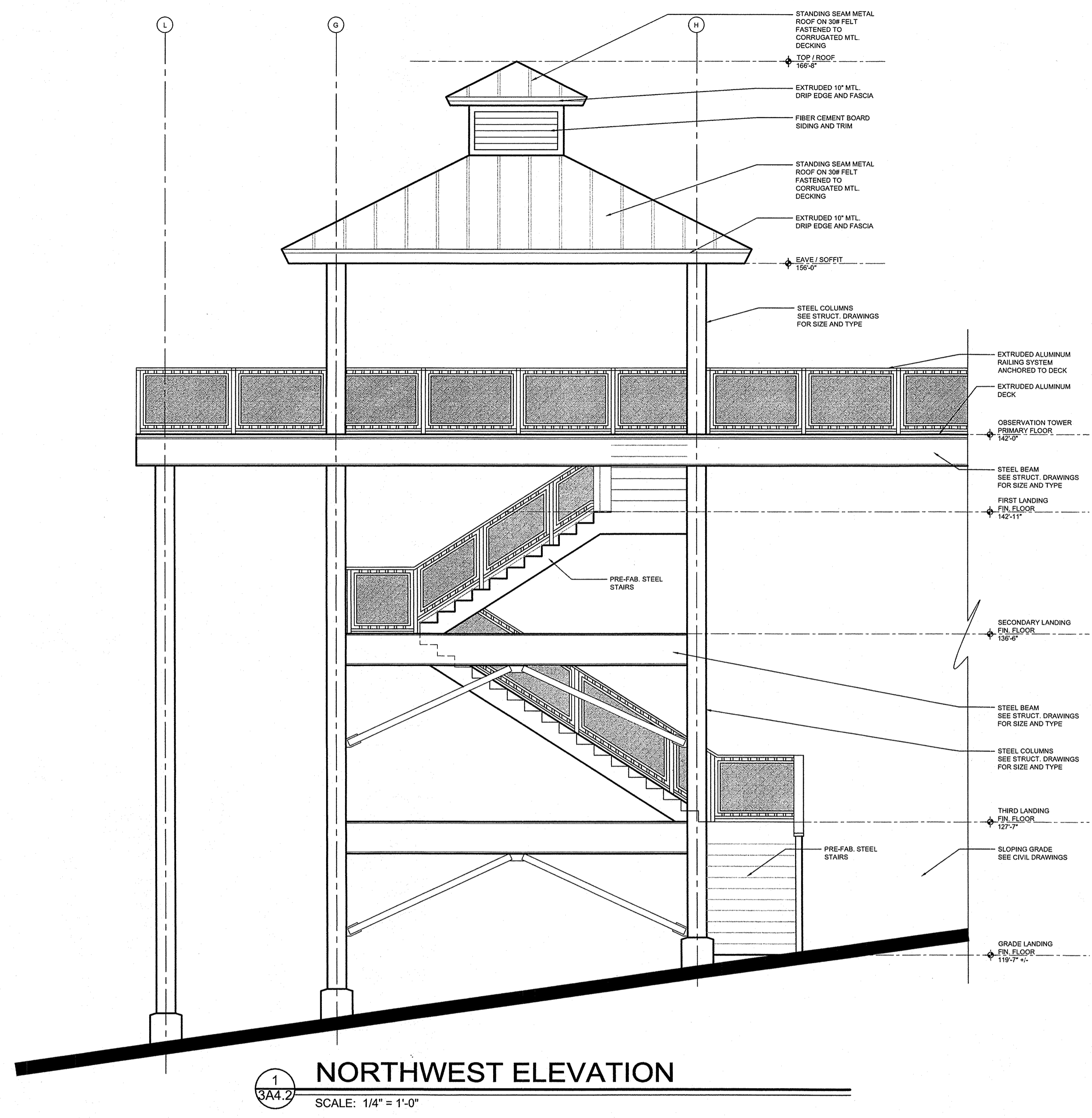
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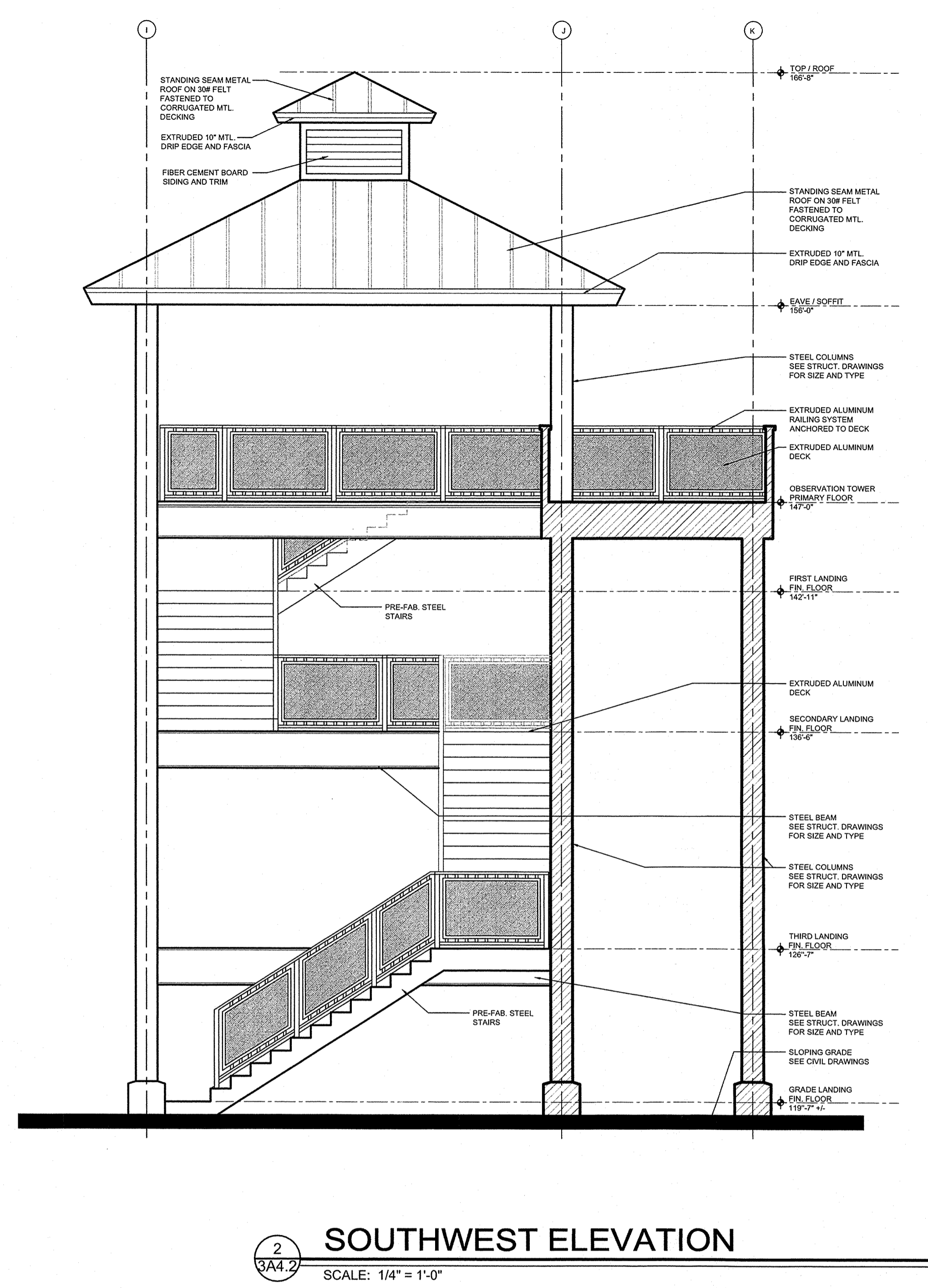
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SHEET

3A4.2



1
3A4.2
NORTHWEST ELEVATION
 SCALE: 1/4" = 1'-0"



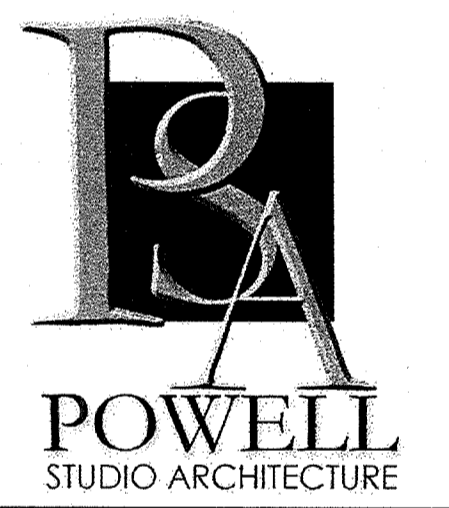
2
3A4.2
SOUTHWEST ELEVATION
 SCALE: 1/4" = 1'-0"

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 PLOTTER: HP DesignJet T1100e
 PLOT SCALE: 1/4" = 1'-0"
 PLOT SHEET: 3A4.2
 PLOT PATH: C:\Users\jherbert\AppData\Local\Temp\13111100\3A4.2.dwg

**NORTH SHORE
 OVERLOOK &
 TRAILHEAD**

LAKE COUNTY, FL
**BUILDING
 SECTION &
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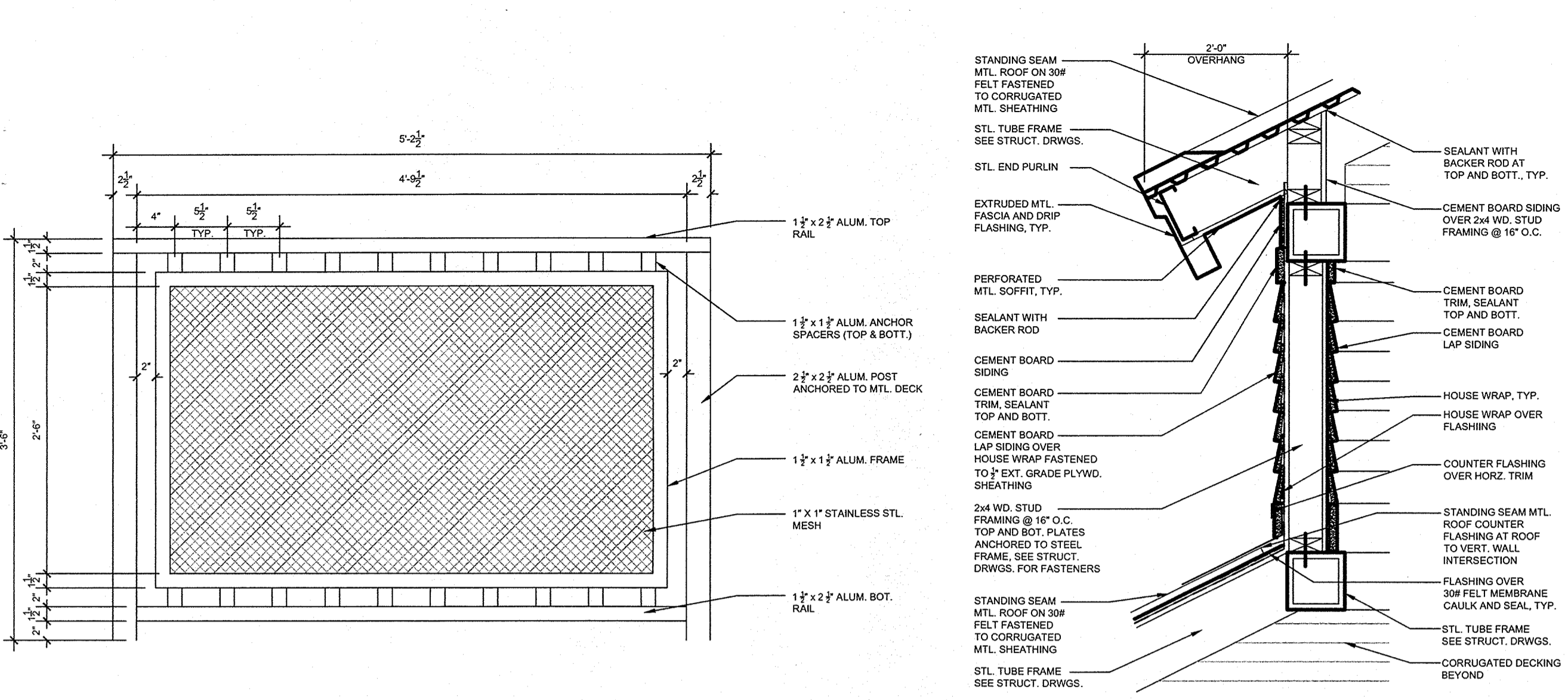
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PROJECT #	12.111.00
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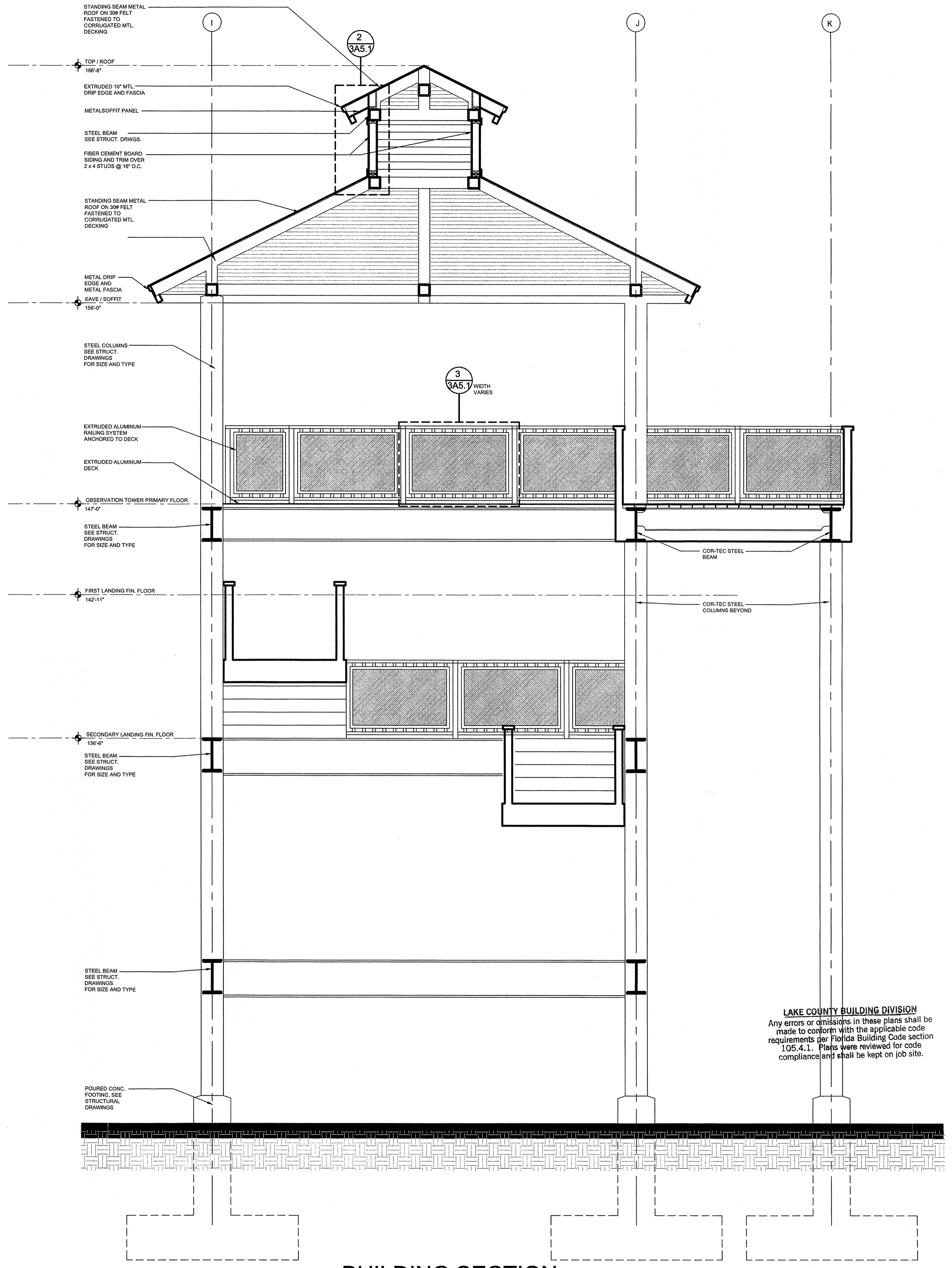
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3A5.1

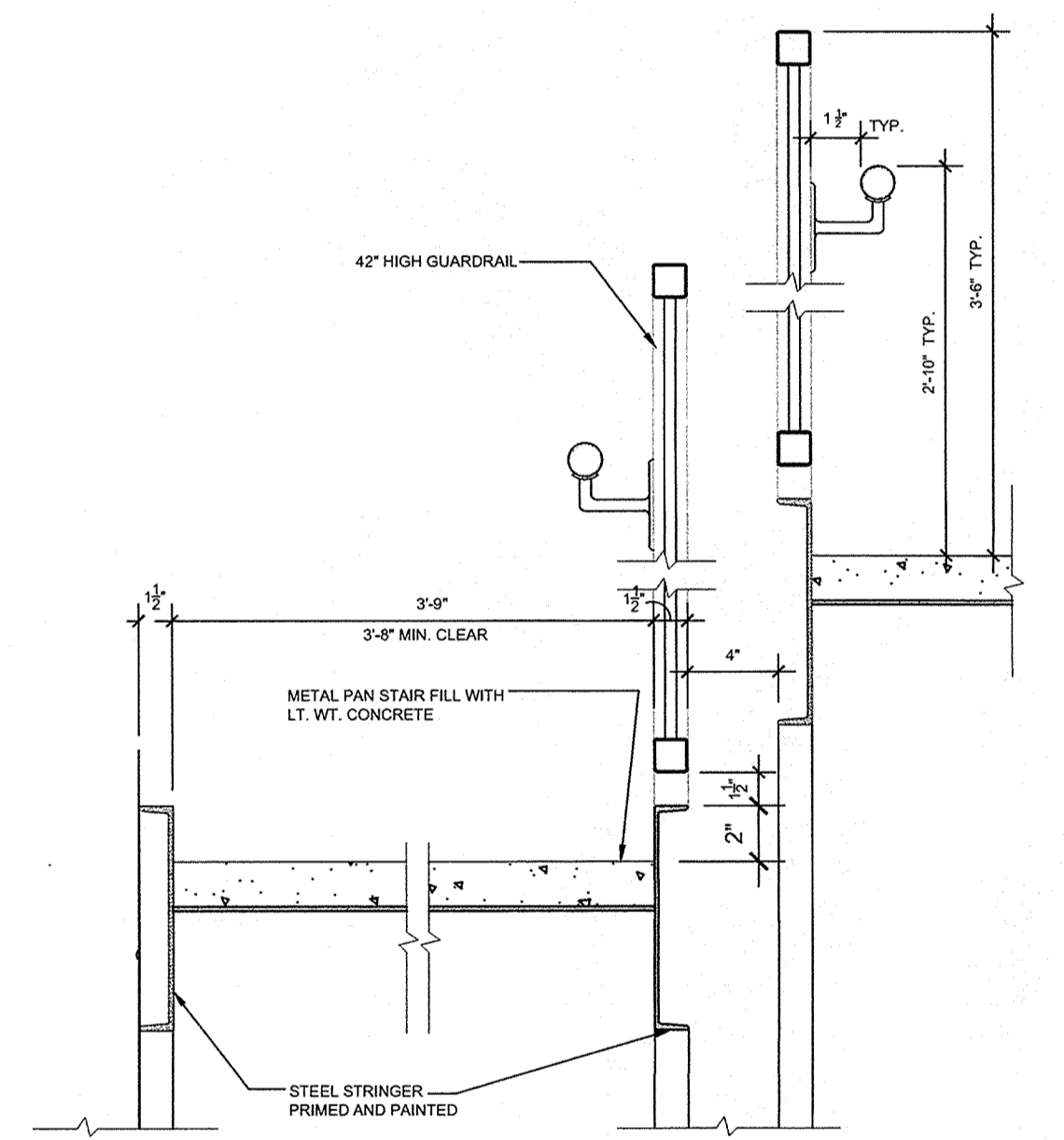


3 RAILING DETAIL
 SCALE: 1" = 1'-0"

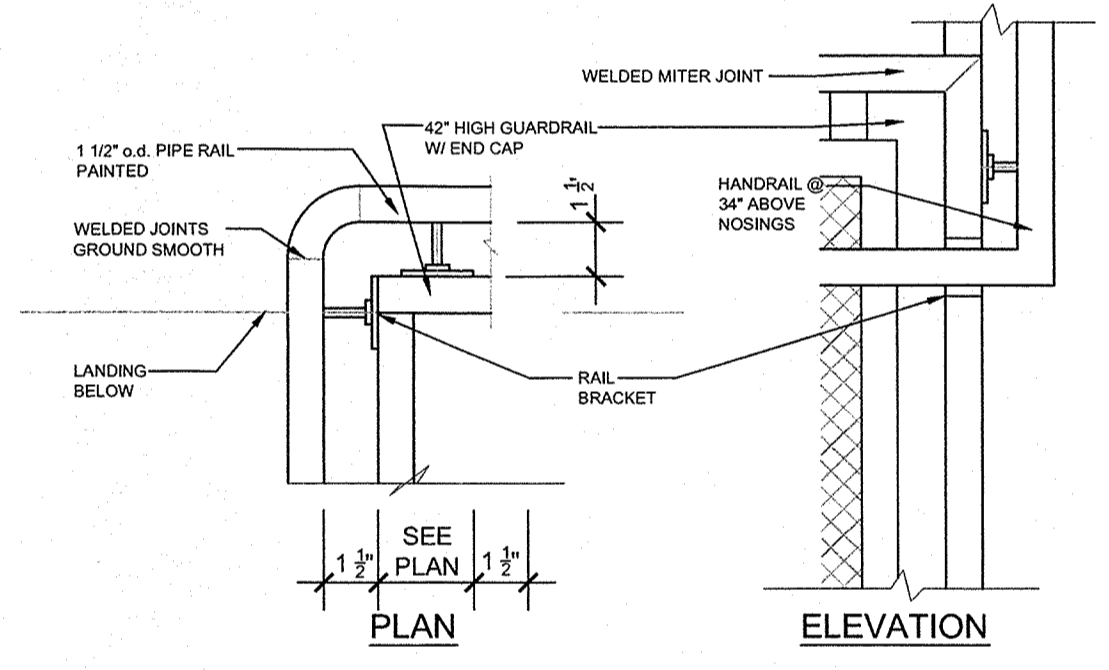
2 ROOF DETAIL
 SCALE: 1" = 1'-0"



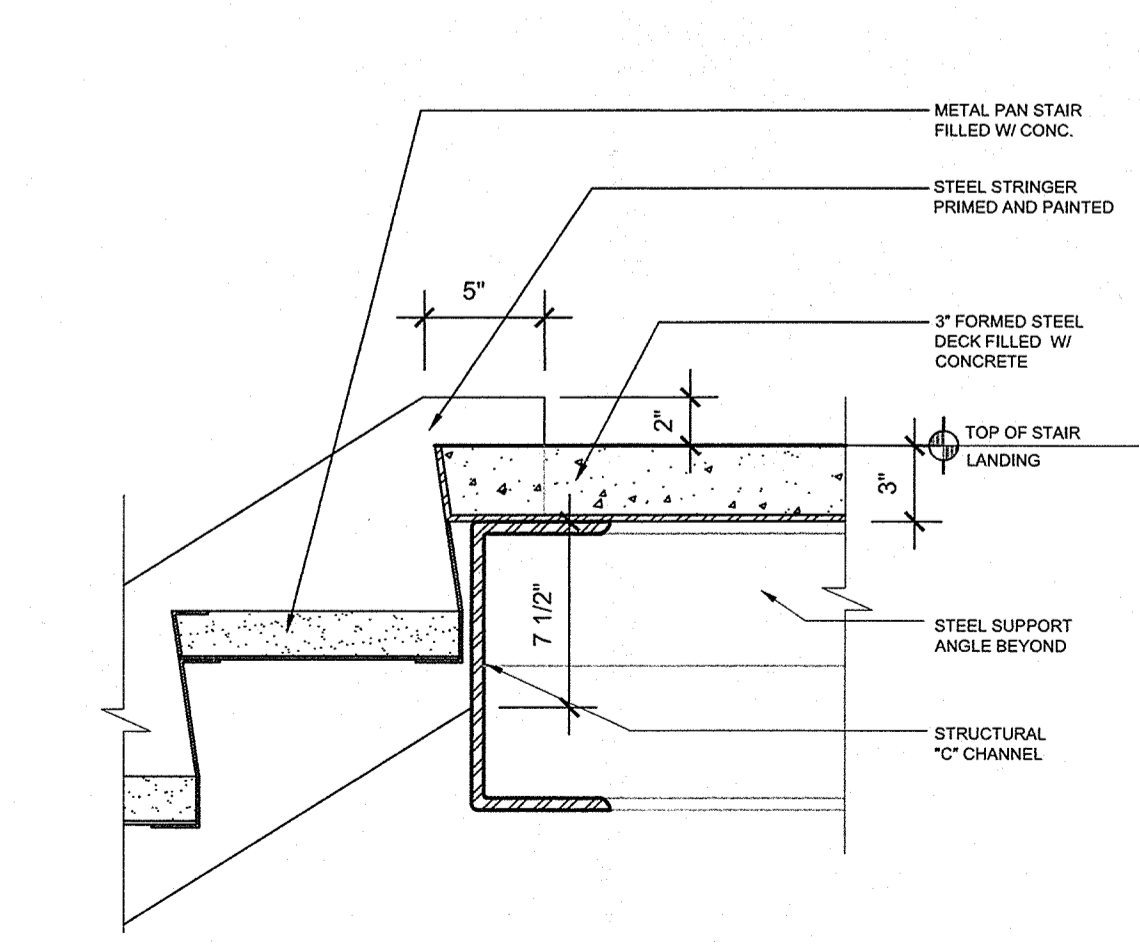
1 BUILDING SECTION
 SCALE: 3/8" = 1'-0"



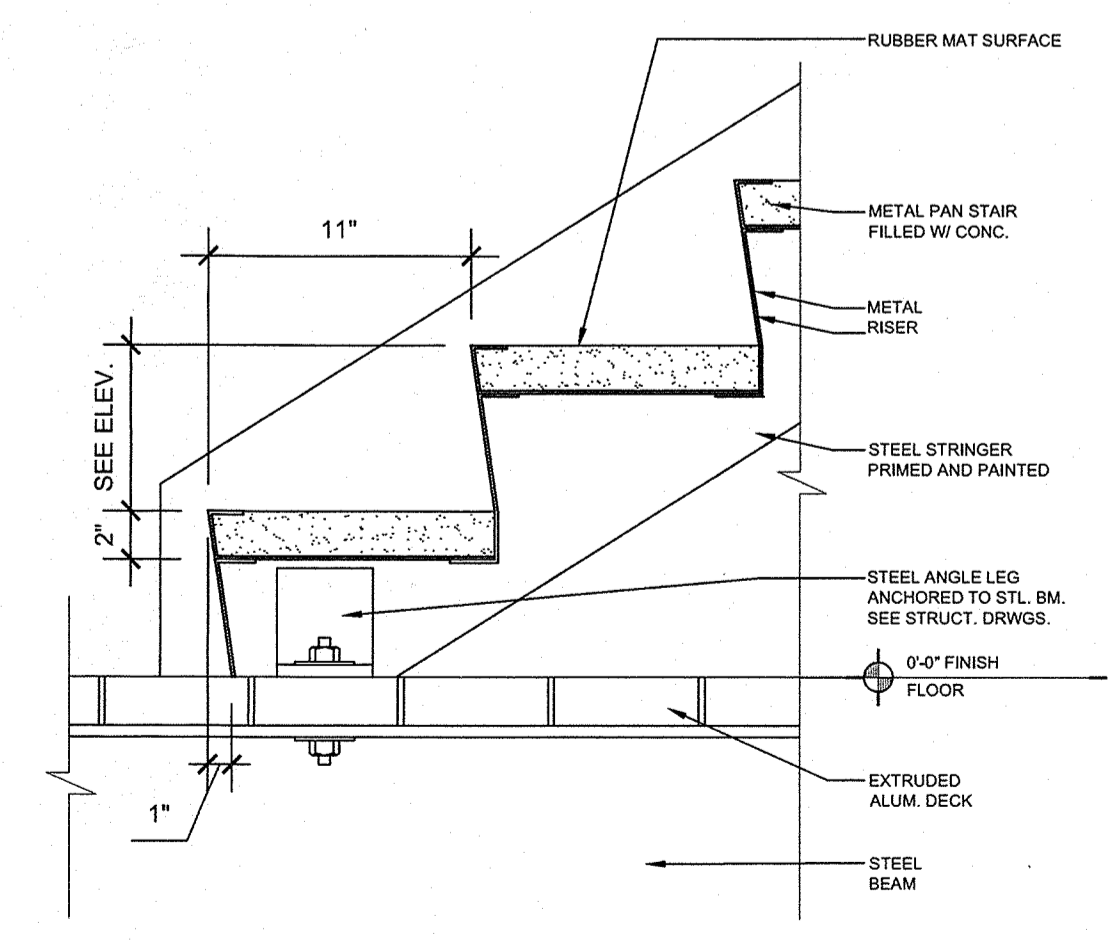
4 STAIR RAILING DETAIL
 SCALE: 1 1/2" = 1'-0"



5 HANDRAIL TRANSITION DET.
 SCALE: 1 1/2" = 1'-0"



6 STAIR DETAIL
 SCALE: 1 1/2" = 1'-0"



7 STAIR DETAIL
 SCALE: 1 1/2" = 1'-0"

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**NORTH SHORE
OVERLOOK &
TRAILHEAD**

LAKE COUNTY, FL

**ROOF PLAN
& DETAILS**

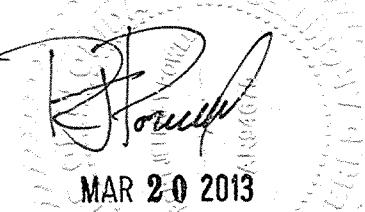
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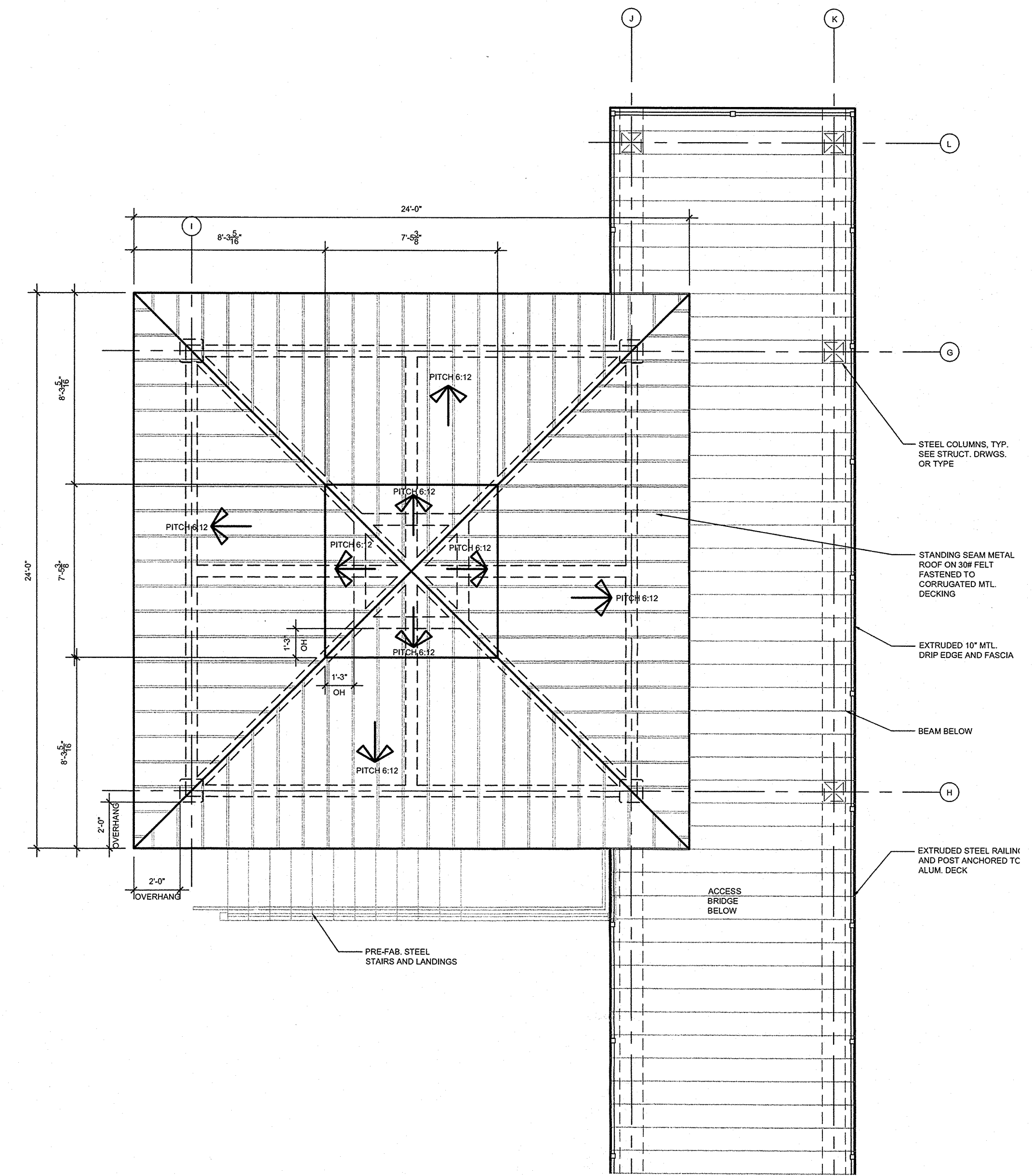
SCALE	OO
DATE	11/19/2012
PROJECT #	12.111.00
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MAR 20 2013

SHEET

3A7.1



1
ROOF PLAN
SCALE: 1/4" = 1'-0"
NORTH

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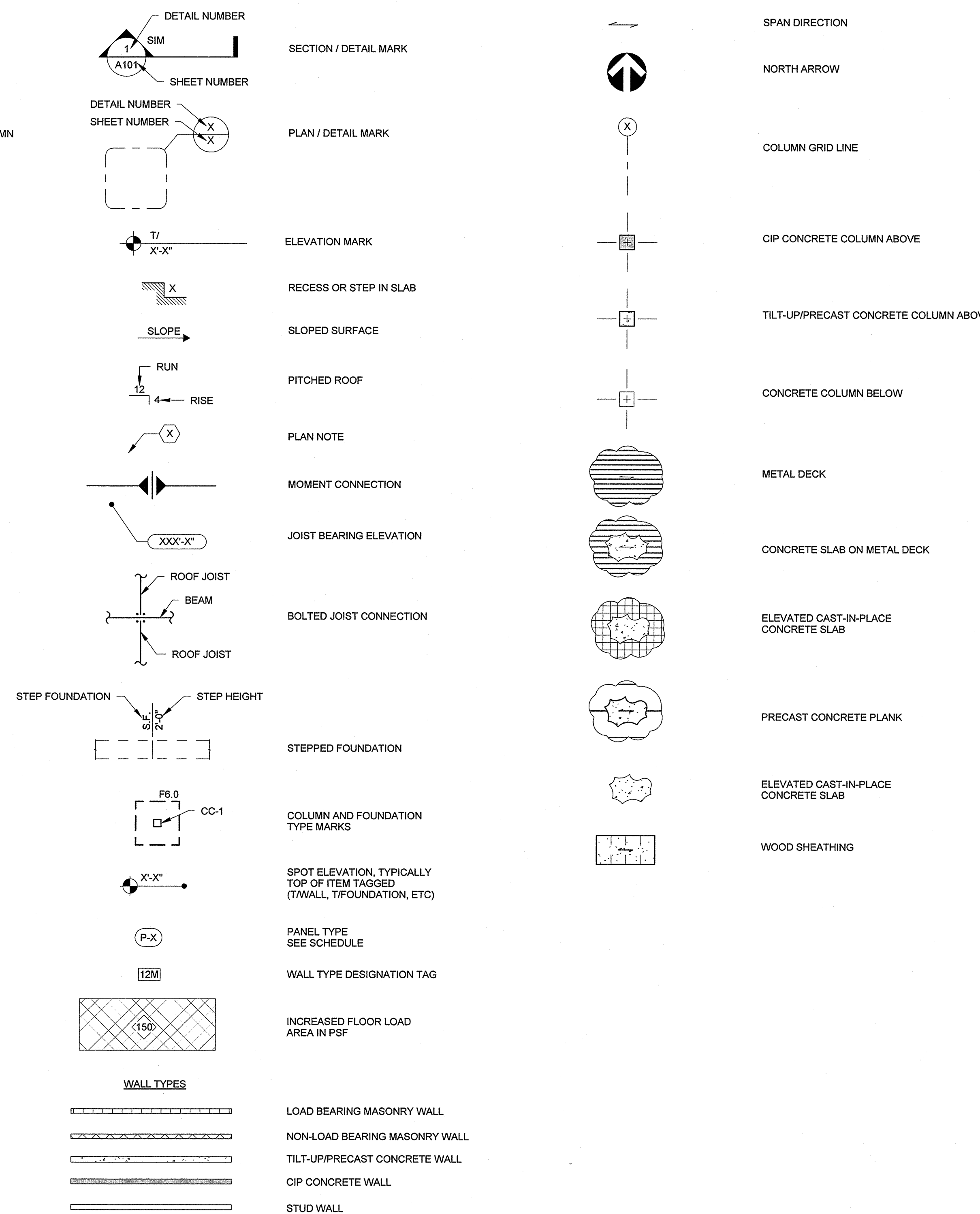
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STRUCTURAL ABBREVIATIONS

ABBREV	ABBREVIATION	LB	POUND
ACI	AMERICAN CONCRETE INSTITUTE	LGTH	LENGTH
ADD	ADDITIVE	LL	LIVE LOAD
ADDL	ADDITIONAL	LLH	LONG LEG HORIZONTAL
AFF	ABOVE FINISHED FLOOR	LLV	LONG LEG VERTICAL
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	LONG.	LONGITUDINAL
AISI	AMERICAN IRON AND STEEL INSTITUTE	LSL	LAMINATED STRAND LUMBER
ALT	ALTERNATE/ALTERNATIVE	LT WT	LIGHT WEIGHT
ALUM	ALUMINUM	LVL	LAMINATED VENEER LUMBER
ARCH	ARCHITECTURE/ARCHITECTURAL	MATL	MATERIAL
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS	MAX	MAXIMUM
AWIS	AMERICAN WELDING SOCIETY	MB	MASONRY BEAM
B/	BOTTOM OF	MC	MISCELLANEOUS CHANNEL/MASONRY COLUMN
B/CX	BOTTOM CHORD EXTENSION	MECH	MECHANICAL
BLDG	BUILDING	MET	METAL
BLK	BLOCK	MFR	MANUFACTURE/MANUFACTURER
BM	BEAM	MID	MIDDLE
BOT	BOTTOM	MIN	MINIMUM
BP	BASE PLATE/BEARING PLATE	MISC	MISCELLANEOUS
BRG	BEARING	MO	MASONRY OPENING
BTWN	BETWEEN	MPH	MILES PER HOUR
C	CHANNEL	NGVD	NATIONAL GEODETIC VERTICAL DATUM
CB	CONCRETE BEAM	NIC	NOT IN CONTRACT
CC	CONCRETE COLUMN	NO.	NUMBER
CF	CUBIC FEET (FOOT)	NS	NEAR SIDE
CIP	CAST IN PLACE	NTS	NOT TO SCALE
CJ	CONTRACTION JOINT	OC	ON CENTERS
CL	CENTERLINE	OD	OUTSIDE DIAMETER
CLR	CLEAR/CLEARANCE	O.F.	OUTSIDE FACE
CM	CONCRETE MASONRY	OPNG	OPENING
CMU	CONCRETE MASONRY UNIT	OPP	OPPOSITE
CO	COMPANY	OSB	ORIENTED STRAND BOARD
COL	COLUMN	P/C	PRECAST CONCRETE/PILE CAP
CONC	CONCRETE	P/T	POST TENSIONED
CONT	CONTINUOUS	PAR	PARALLEL
CONN	CONNECTION	PCB	PRECAST CONCRETE BEAM
CONST	CONSTRUCTION	PCC	PRECAST CONCRETE COLUMN
COORD	COORDINATE	PCF	POUNDS PER CUBIC FEET
CSJ	CONSTRUCTION JOINT	PEMB	PRE-ENGINEERED METAL BUILDING
CTR	CENTER	PEN	PENETRATION
CTR'D	CENTERED	P.J.	PANEL JOINT CENTERLINE
CY	CUBIC YARD	PL	PLATE
DEPT	DEPARTMENT	PLF	POUNDS PER LINEAR FOOT
DET	DETAIL	PLMG	PLUMBING
DIA	DIAMETER	PLY	PLYWOOD
DIAG	DIAGONAL	PREFAB	PREFABRICATED
DIM	DIMENSION	PSF	POUNDS PER SQUARE FOOT
DIST	DISTANCE	PSI	POUNDS PER SQUARE INCH
DL	DEAD LOAD	PSL	PARALLEL STRAND LUMBER
DN	DOWN	PT	PRESSURE TREATED
DWG	DRAWING	RW	REINFORCED WITH
EA	EACH	RD	ROOF DRAIN
EE	EACH END	REF	REFERENCE
EHPA	EMERGENCY HURRICANE PROTECTION AREA	REINF	REINFORCING
EJ	EXPANSION JOINT	REQD	REQUIRED
ELEC	ELECTRIC/ELECTRICAL	REV	REVISION
EL ELEV	ELEVATION	RTU	ROOF TOP UNIT
ENGR	ENGINEER	SB	SOFFIT BEAM
EOD	EDGE OF DECK	SCHED	SCHEDULE
EOR	ENGINEER OF RECORD	S.F.	SQUARE FEET
EQ SP	EQUAL SPACED	SF	STRIP FOUNDATION
ES	EACH SIDE	SIM	SIMILAR
EW	EACH WAY	SPC	SPACE/SPACES
EXIST	EXISTING	SPECS	SPECIFICATIONS
EXP	EXPANSION	SQ	SQUARE
EXT	EXTERIOR	SS	STAINLESS STEEL
F	FOUNDATION	STD	STANDARD
FD	FLOOR DRAIN	STIFF	STIFFENER
FDN	FOUNDATION	STL	STEEL
FF	FINISHED FLOOR	STRUCT	STRUCTURAL
FIN	FINISH	SYM	SYMMETRICAL
FIN GR	FINISH GRADE	T/	TOP OF
FLR	FLOOR	TB	TIE BEAM
FS	FAR SIDE	T&B	TOP AND BOTTOM
FT	FEET/FOOT	TCX	TOP CHORD EXTENSION
FTG	FOOTING	TDS	TURN DOWN SLAB
GA	GAGE/GAUGE	TE	THICKENED EDGE
GALV	GALVANIZED	TEMP	TEMPERATURE
GB	GRADE BEAM	TENS	TENSION
GC	GENERAL CONTRACTOR	THD	THREAD/THREADED
GEN	GENERAL	THK	THICK
GL	GRID LINE	TOL	TOLERANCE
GS	GALVANIZED STEEL	TRANS	TRANSVERSE
HD	HOT DIPPED	TS	TUBE STEEL
HDG	HOT DIPPED GALVANIZED	T.S.	THICKENED SLAB
HORIZ	HORIZONTAL	TWF	THICKENED WALL FOUNDATION
HSA	HEADED STUD ANCHOR	TYP	TYPICAL
HSS	HOLLOW STRUCTURAL SECTION	UNO	UNLESS NOTED OTHERWISE
HT	HEIGHT	VERT	VERTICAL
I	MOMENT OF INERTIA	VOL	VOLUME
ID	INSIDE DIAMETER	W	WIDE FLANGE SECTION
IF	INSIDE FACE	W/	WITH
IN.	INCH	WO	WITHOUT
INT	INTERIOR	WD	WOOD
JST	JOIST	WF	WALL FOOTING
JT	JOINT	WP	WATERPROOF
K	KIP (1000 LB)	W.P.	WORKING POINT
KLF	KIPS PER LINEAL FOOT	WS	WELDED STUD
KSI	KIPS PER SQUARE INCH	WT	WEIGHT/STRUCTURAL TEE SECTION
KWY	KEYWAY	WWF	WELDED WIRE FABRIC
		@	AT DESIGNATION
		#	POUNDS / REBAR SIZE NUMBER
		+/-	PLUS OR MINUS
		∠	ANGLE
		C.L.	CENTER LINE
		&	AND
		Sx	SECTION MODULUS
		Ix	MOMENT OF INERTIA

STRUCTURAL SYMBOLS AND LEGEND



NOTE: SYMBOLS AND LEGEND SHOWN ARE GENERIC AND DO NOT NECESSARILY INDICATE ACTUAL OCCURRENCES IN THESE DRAWINGS.

STRUCTURAL SHEET INDEX		ISSUED	
SHEET #	SHEET TITLE	50% CD SUBMITTAL	100% CD SUBMITTAL
S1.1	STRUCTURAL ABBREVIATIONS AND SYMBOLS	X	X
S1.2	STRUCTURAL NOTES	X	X
S1.3	WINDLOAD DIAGRAM		X
S2.1	PAVILION FOUNDATION AND ROOF PLAN	X	X
S2.2	RESTROOM FOUNDATION AND ROOF PLAN		X
S2.3	OVERLOOK FOUNDATION AND WALKWAY LEVEL		X
S2.4	OVERLOOK FRAMING PLAN		X
S3.1	SECTIONS AND DETAILS	X	X
S3.2	SECTIONS AND DETAILS		X



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Orlando, Florida 32801
tel 407 422 4845
fax 407 422 0699

NORTH SHORE OVERLOOK & TRAILHEAD

LAKE COUNTY, FL STRUCTURAL ABBREVIATIONS AND SYMBOLS

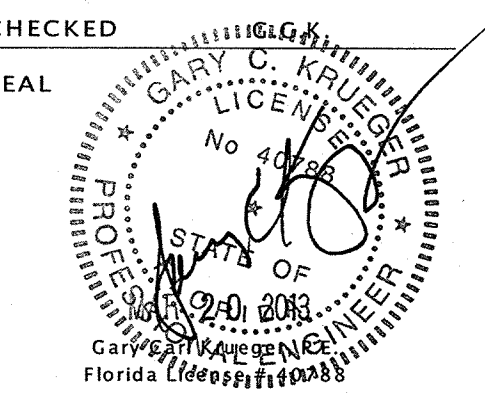
Permit Submittal

CONSULTANT:

TLC ENGINEERING FOR ARCHITECTURE
874 Dixon Boulevard
Cocoa, FL 32922
Phone: 321-634-0274
Fax: 321-639-8986
www.tlc-engineers.com
TLC Engineering for Architecture, Inc.
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COA #15 TLC NO: 512035

REVISIONS:

SCALE 3/32" = 1'-0"
DATE 12-19-2012
PROJECT # 12.111.00
DESIGNED A.L.

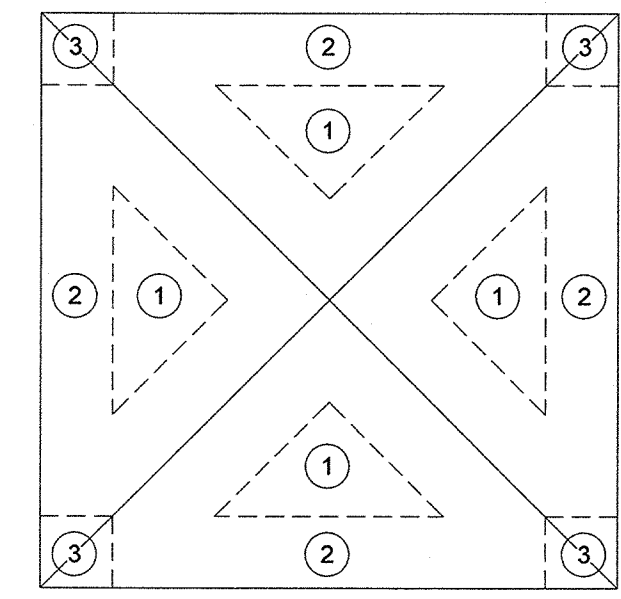


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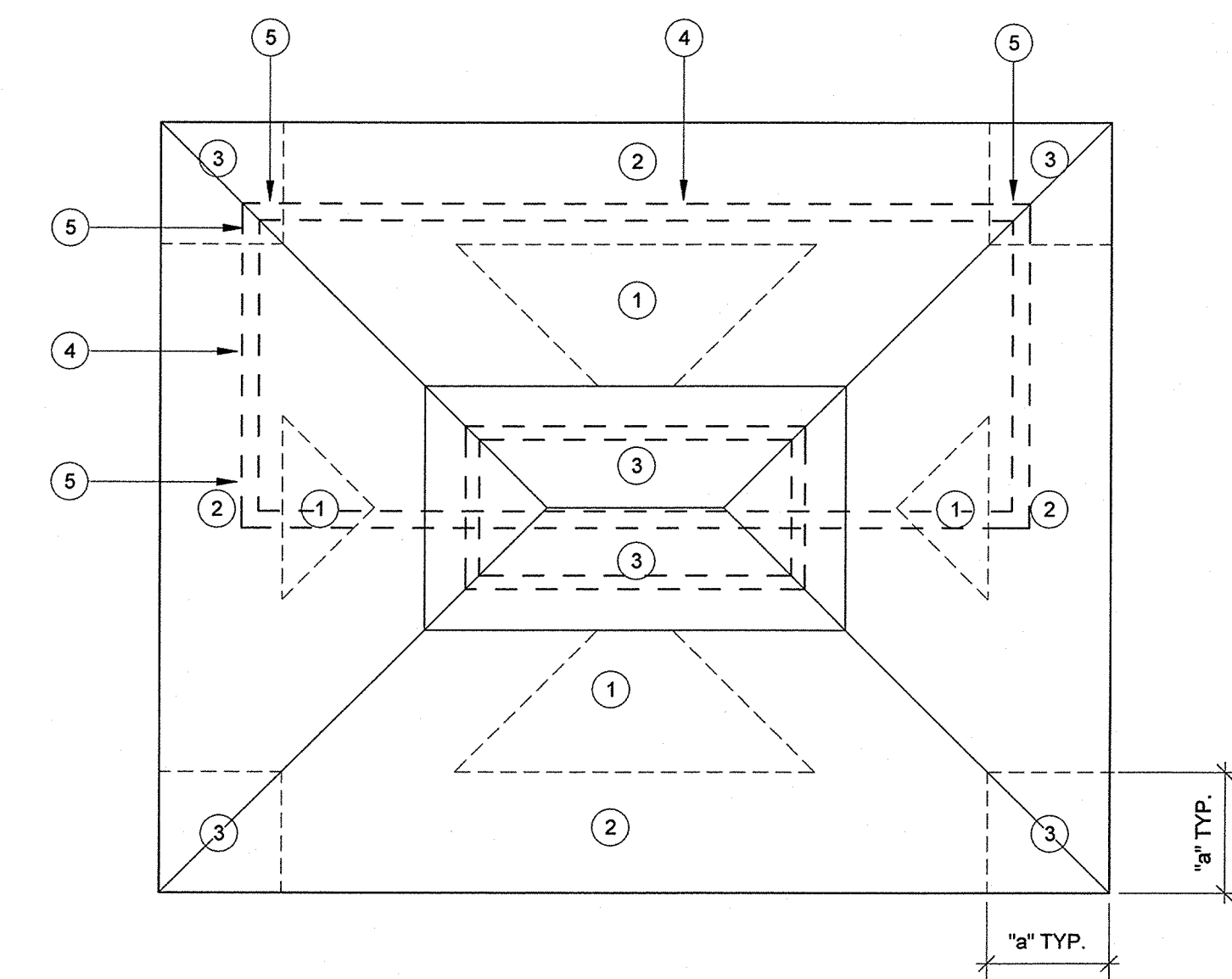
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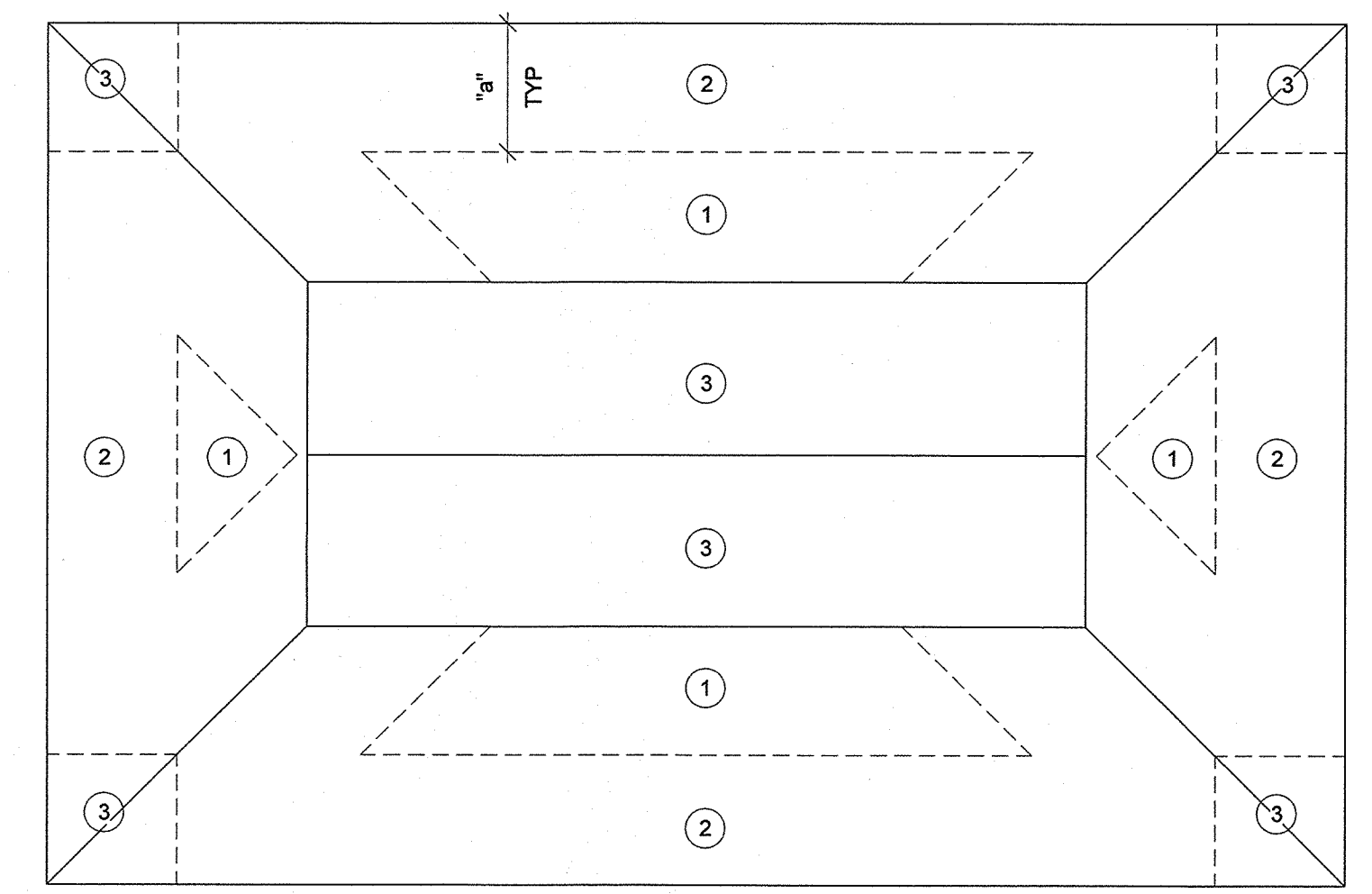
LAKE COUNTY, FL
WINDLOAD DIAGRAM



① OVERLOOK ROOF WIND LOAD DIAGRAM
 1/8" = 1'-0"



③ RESTROOM WIND LOAD DIAGRAM
 1/4" = 1'-0"

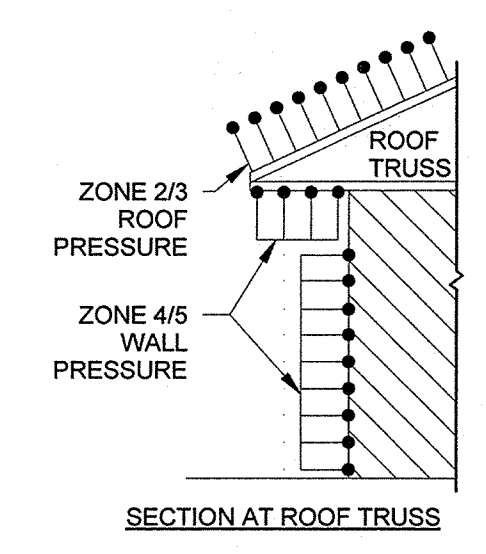


② PAVILION WIND LOAD DIAGRAM
 1/4" = 1'-0"

ULTIMATE WIND PRESSURES (ASCE 7-10)									
BUILDING	a (FT)	Vult (MPH)	Vasd (MPH)	A (SF)	ZONE 1 (PSF)	ZONE 2 (PSF)	ZONE 3 (PSF)	ZONE 4 (PSF)	ZONE 5 (PSF)
OPEN ROOFS	3.0	140	108	<10	+38.6	+59.4	+59.4	-	-
					-29.1	-45.2	-45.2	-	-
					+38.6	+59.4	+59.4	-	-
					-29.1	-45.2	-45.2	-	-
ENCLOSED BUILDINGS	3.0	140	108	<10	+24.6	+24.6	+24.6	+42.7	+42.7
					-39.1	-68.1	-100.7	-46.3	-57.2
					+22.4	+22.4	+22.4	+40.8	+40.8
					-38.0	-62.6	-94.1	-44.4	-53.4
				50	+19.6	+19.6	+19.6	+38.3	+38.3
					-63.6	-55.4	-85.5	-41.9	-48.3
					+17.4	+17.4	+17.4	+36.3	+36.3
					-35.5	-50.0	-78.9	-40.0	-44.4

GROSS WIND PRESSURE PLAN NOTES:

- WIND PRESSURE TABLE IS BASED ON FBC 2010 / ASCE 7-10 ULTIMATE WIND SPEED. ALLOWABLE OR NOMINAL PRESSURES MAY BE CALCULATED IN ACCORDANCE WITH FBC SECTION 1809.1.5 FOR COMPARISON WHERE TESTING FOR WIND LOAD RESISTANCE IS BASED ON ALLOWABLE OR NOMINAL WIND LOADS.
 A - INDICATES TRIBUTARY AREA IN S.F.
 a - INDICATES END ZONE WIDTH IN FT.
 Vult - INDICATES ULTIMATE DESIGN WIND SPEED IN MPH
 Vasd - INDICATES NOMINAL DESIGN WIND SPEED IN MPH
- GROSS PRESSURES ARE FOR JOISTS, WINDOWS, DOORS, VENEER, LIGHT GAGE METAL FRAMING, METAL DECK ATTACHMENTS, ROOFING, ROOFING ACCESSORIES AND OTHER BUILDING COMPONENTS AND CLADDING.
- GROSS PRESSURES SHALL BE LINEARLY INTERPOLATED FOR (A) NOT SHOWN IN TABLE.
- POSITIVE PRESSURES INDICATE PRESSURES ACTING TOWARD A PROJECTED SURFACE. NEGATIVE PRESSURES INDICATE PRESSURES ACTING AWAY FROM A PROJECTED SURFACE.
- ROOF AND ZONES 1 THRU 3
- WALL ZONES 4 AND 5
- INTERNAL PRESSURE COEFFICIENT FOR ENCLOSED BUILDING EQUALS +0.18 AND -0.18
 INTERNAL PRESSURE COEFFICIENT FOR OPEN BUILDING EQUALS ±0
- NOMINAL LATERAL PRESSURE ON OVERLOOK (OPEN STRUCTURE) STRUCTURAL MEMBERS = 40 PSF



④ WIND LOAD PRESSURE TABLE
 3/32" = 1'-0"

LAKE COUNTY BUILDING DIVISION
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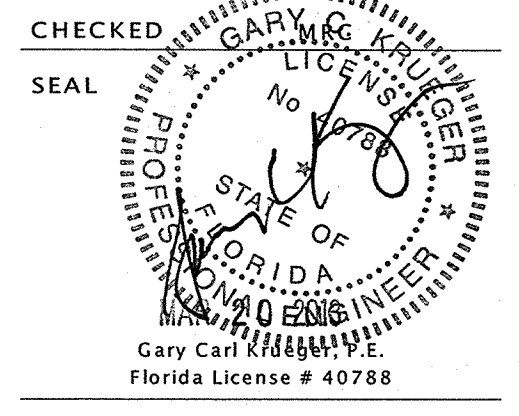
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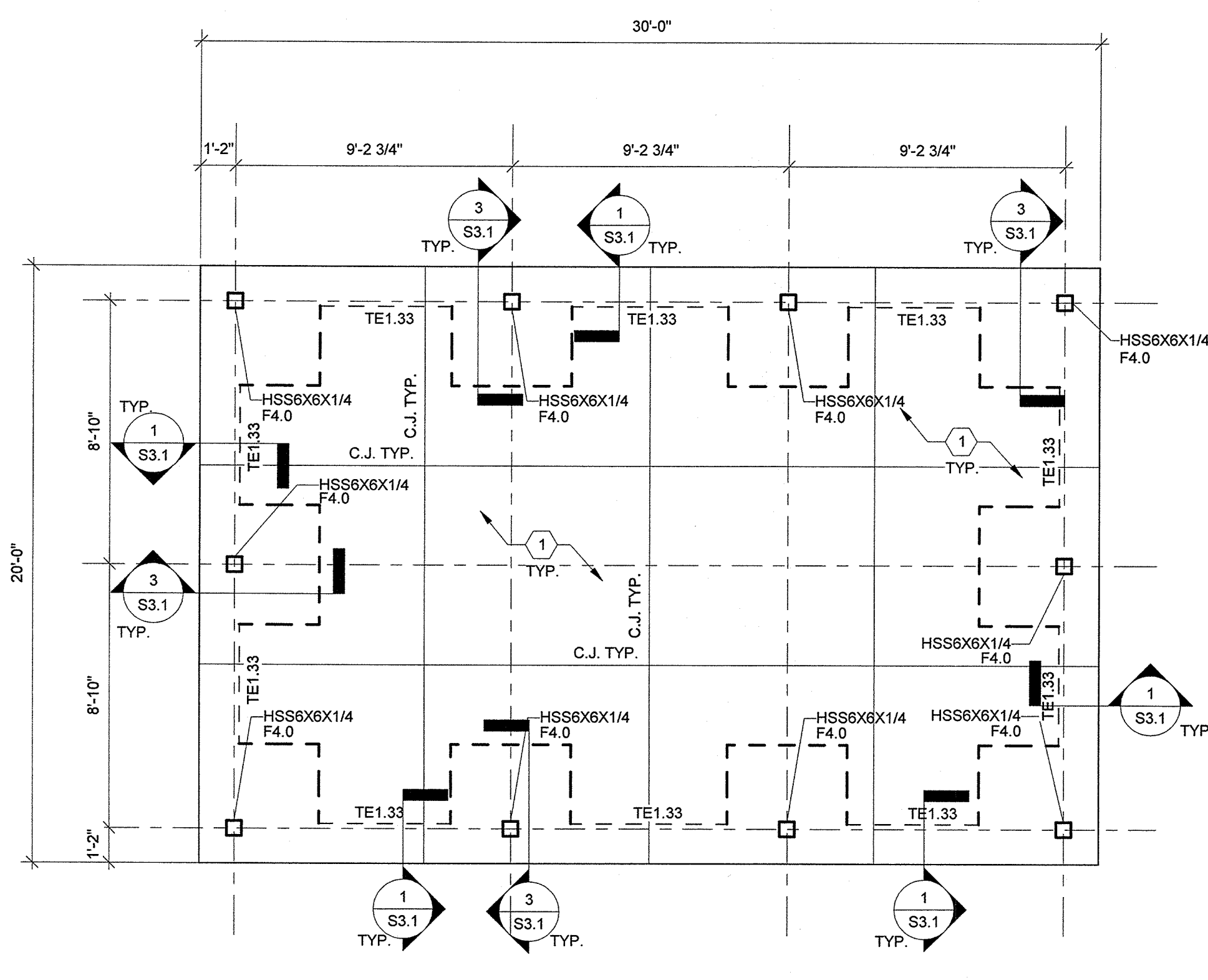
REVISIONS:

SCALE As indicated
 DATE 12-19-2012
 PROJECT # 12.111.00
 DESIGNED MRC
 CHECKED GARY C. KRUGER
 SEAL



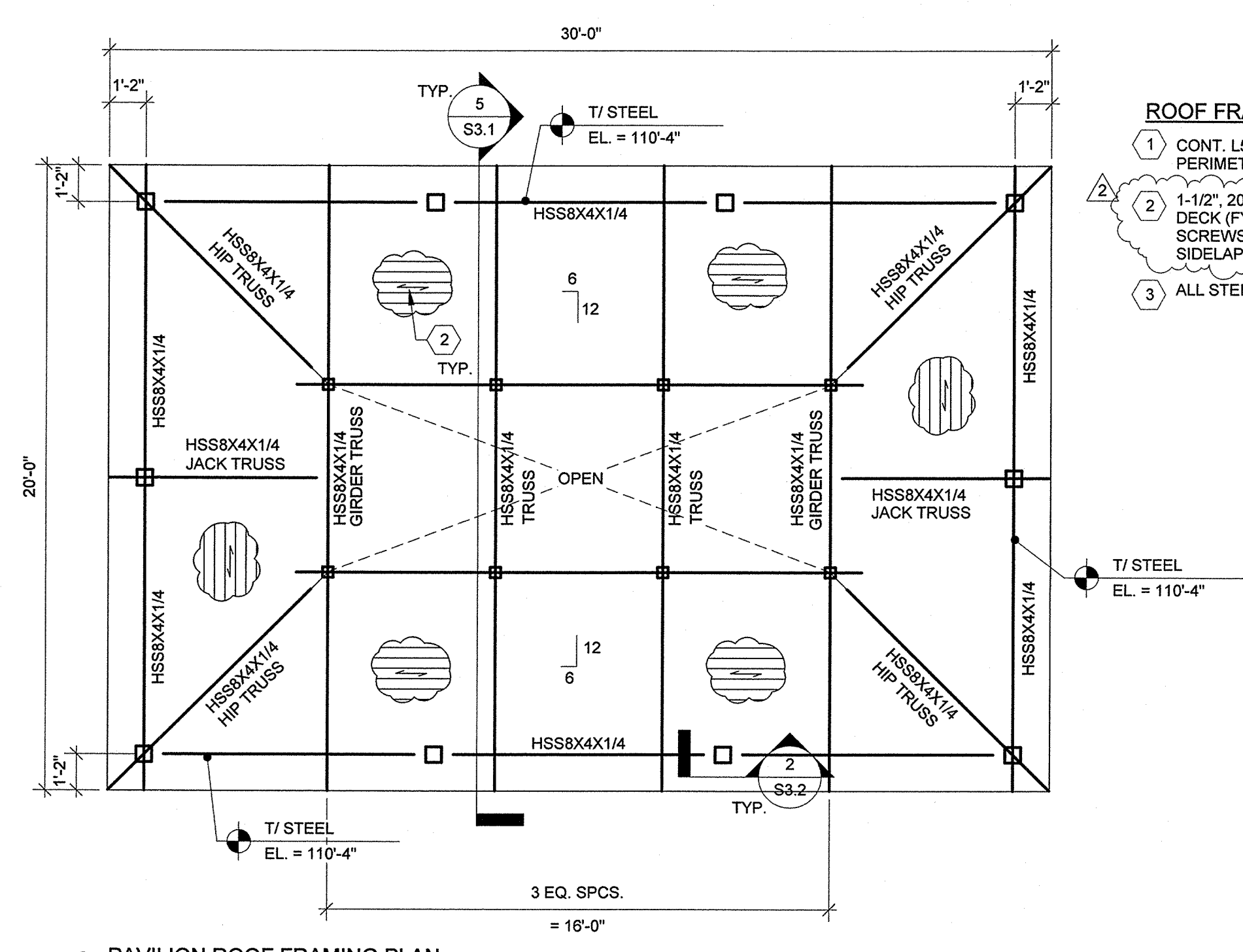
NORTH SHORE OVERLOOK & TRAILHEAD

LAKE COUNTY, FL
PAVILION FOUNDATION AND ROOF PLAN



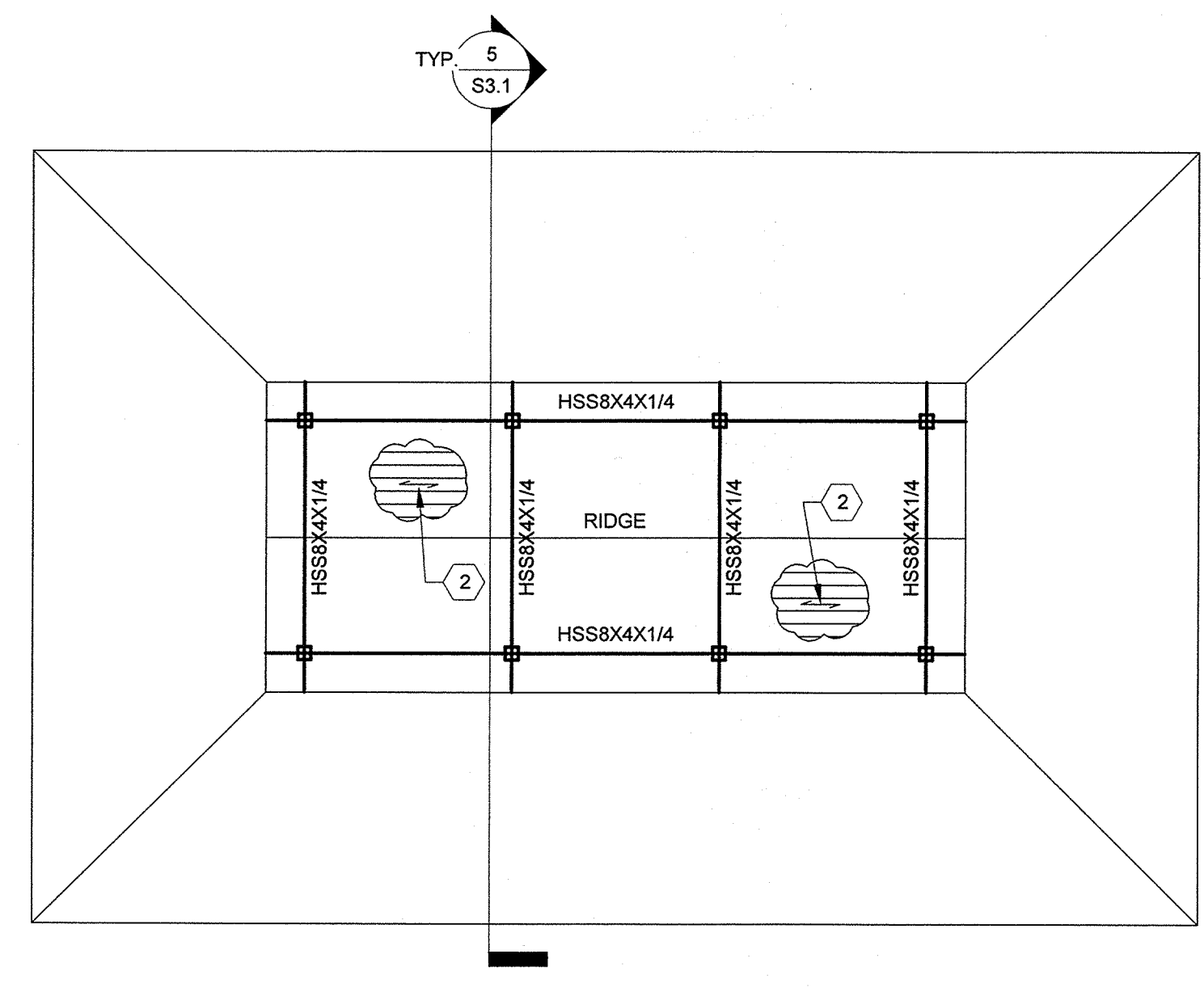
- FOUNDATION PLAN NOTES**
- 4" CONCRETE SLAB ON GRADE REINFORCED W/ 6X6 W6X16 W/F AT MID DEPTH OF SLAB ON COMPACTED SUB GRADE.
 - C.J. DENOTES SLAB CONTROL JOINT, SEE TYP DETAIL
 - ALL STEEL TO BE ASTM A588 OR A847 "WEATHERING STEEL".

1 PAVILION BUILDING FOUNDATION PLAN
 1/4" = 1'-0"



- ROOF FRAMING PLAN NOTES**
- CONT. L5X3X1/4" DECK SUPPORT ANGLE CONT. AROUND PERIMETER OF PAVILION.
 - 1-1/2", 20 GAGE, TYPE B, G-90 GALVANIZED STEEL ROOF DECK (FY=33 KSI. MIN.) ATTACH TO STEEL W/ #12 TEK SCREWS IN 36/6 PATTERN W/ (4) #10 TEK SCREWS AT SIDELAPS.
 - ALL STEEL TO BE ASTM A847 "WEATHERING STEEL".

2 PAVILION ROOF FRAMING PLAN
 1/4" = 1'-0"



3 PAVILION HIGH ROOF
 1/4" = 1'-0"

LAKE COUNTY BUILDING DIVISION
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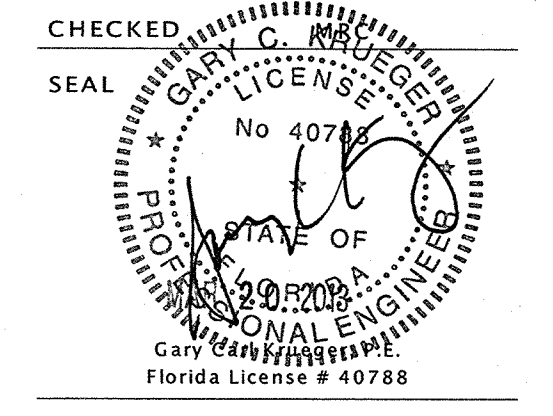
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REVISIONS:

NO.	REVIEW COMMENTS	DATE
2	REVIEW COMMENTS	01-24-13

SCALE	As indicated
DATE	12-19-2012
PROJECT #	12.111.00
DESIGNED	MRC
CHECKED	GARY C. MRC
SEAL	GARY C. MRC



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NORTH SHORE OVERLOOK & TRAILHEAD

LAKE COUNTY, FL
RESTROOM FOUNDATION AND ROOF PLAN

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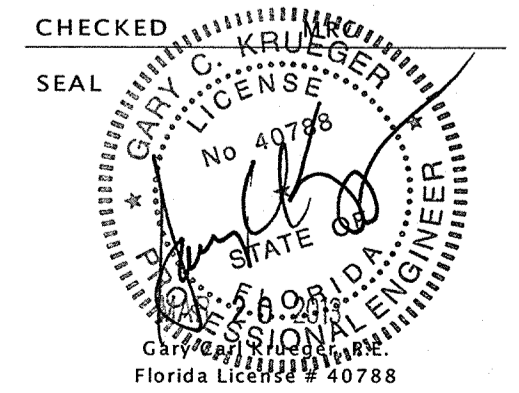
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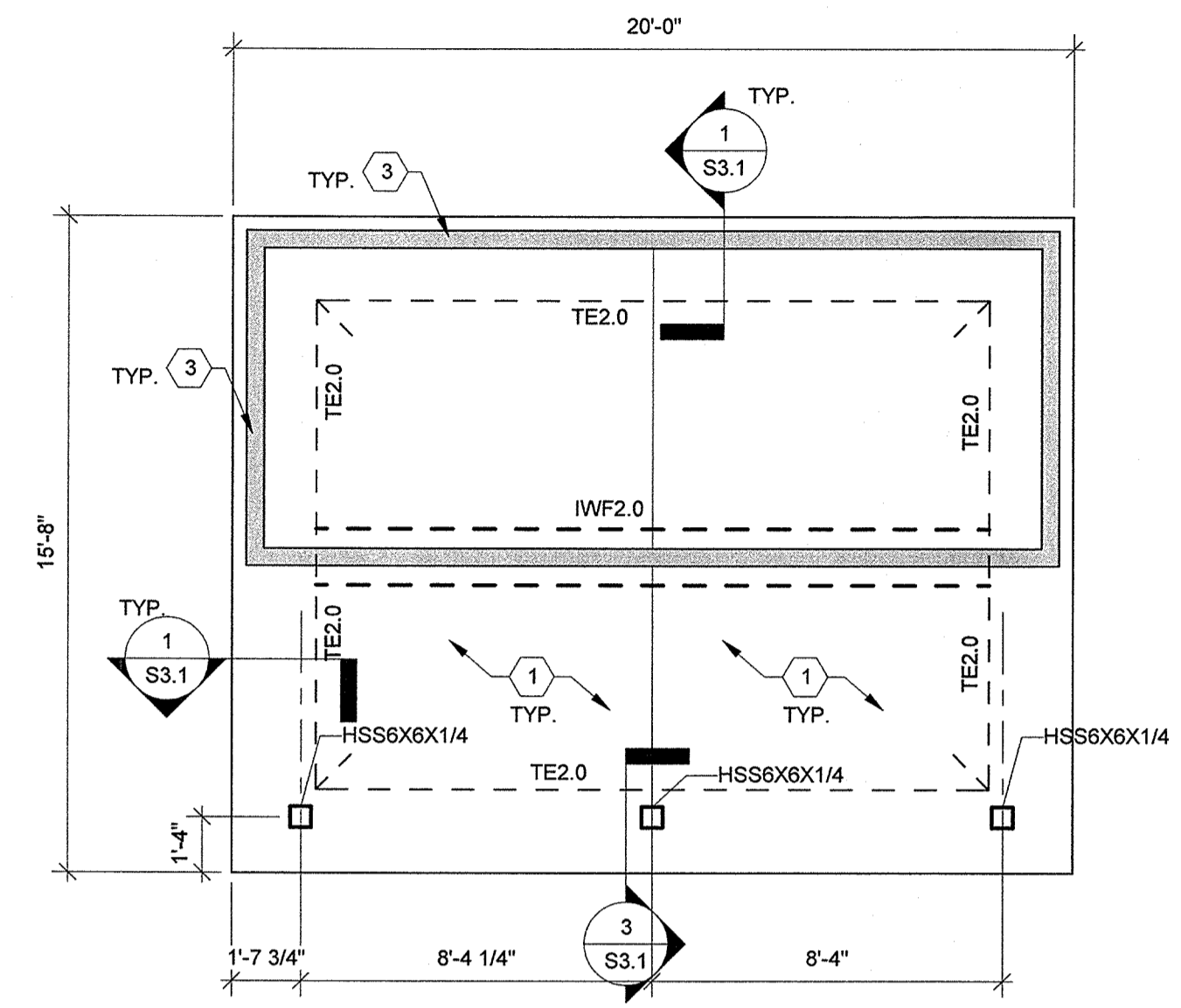
NO.	REVIEW COMMENTS	DATE
2	REVIEW COMMENTS	01-24-13

SCALE As indicated
 DATE 12-19-2012
 PROJECT # 12.111.00
 DESIGNED MRC



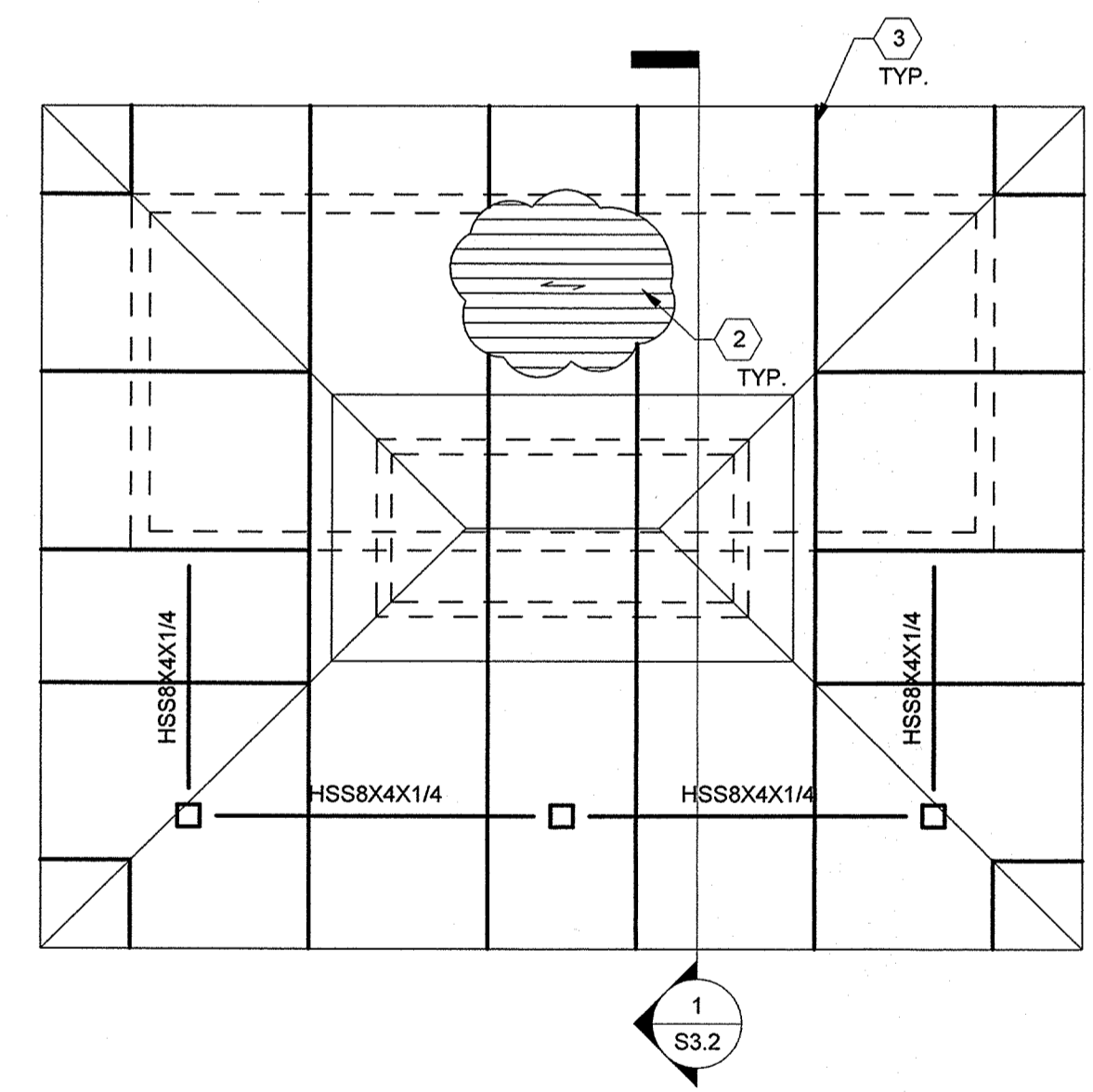
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1 RESTROOM FOUNDATION PLAN
 1/4" = 1'-0"
 T/FOUNDATION/CONCRETE EL. = 100'-0"

- FOUNDATION PLAN NOTES**
- 1 4" CONCRETE SLAB ON GRADE REINFORCED W/ 6X6 W6XW6 WWF AT MID DEPTH OF SLAB ON COMPACTED SUB GRADE.
 - 2 C.J. DENOTES SLAB CONTROL JOINT, SEE TYP DETAIL
 - 3 PRE-ENGINEERED CONCRETE BATHROOM STRUCTURE, BY SPECIALTY ENGINEER.



2 RESTROOM ROOF FRAMING PLAN
 1/4" = 1'-0"
 T/STEEL EL. = 108'-4"
 TRUSS BRG. EL. = 108'-4"

- ROOF FRAMING PLAN NOTES**
- 1 CONT. L3X3X1/4" DECK SUPPORT ANGLE CONT. AROUND PERIMETER OF PAVILION.
 - 2 1-1/2" x 20 GAUGE, TYPE B, G-90 GALVANIZED STEEL ROOF DECK (FY=33 KSI, MIN.) ATTACH TO STEEL W/ #12 TEK SCREWS IN 36/5 PATTERN W/ (4) #10 TEK SCREWS AT SIDELAPS.
 - 3 PRE-ENGINEERED COLD FORMED STEEL METAL ROOF TRUSSES AT 4'-0" O.C., VERIFY PROFILE W/ ARCH.

NORTH SHORE OVERLOOK & TRAILHEAD

LAKE COUNTY, FL OVERLOOK FRAMING PLAN

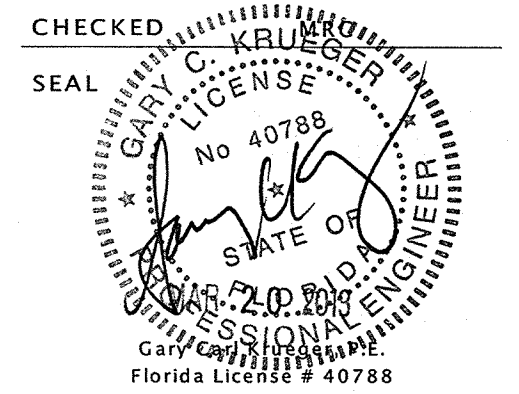
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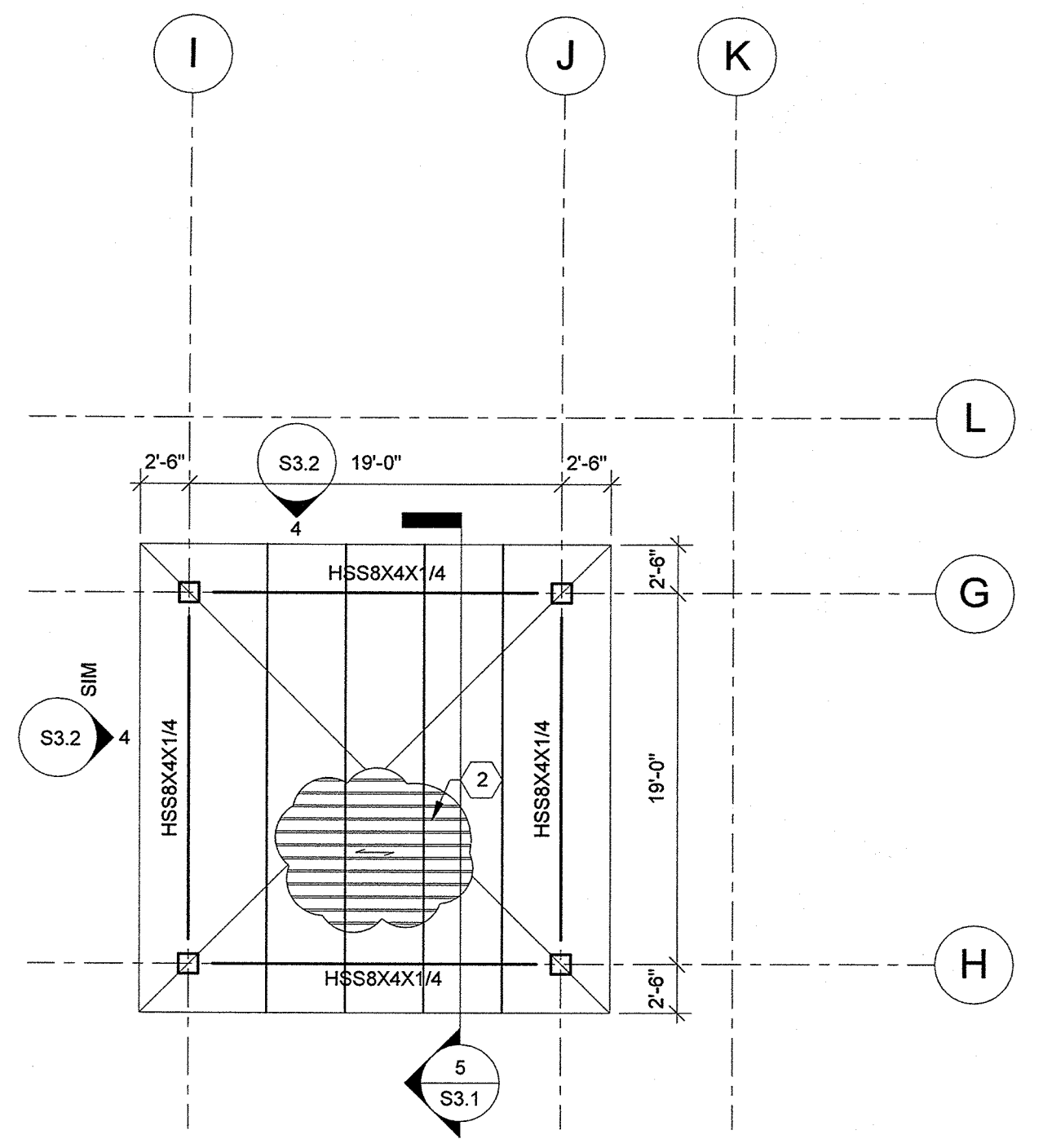
2	REVIEW COMMENTS	01-24-13

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 PROJECT # 12.111.00
 DESIGNED MRC



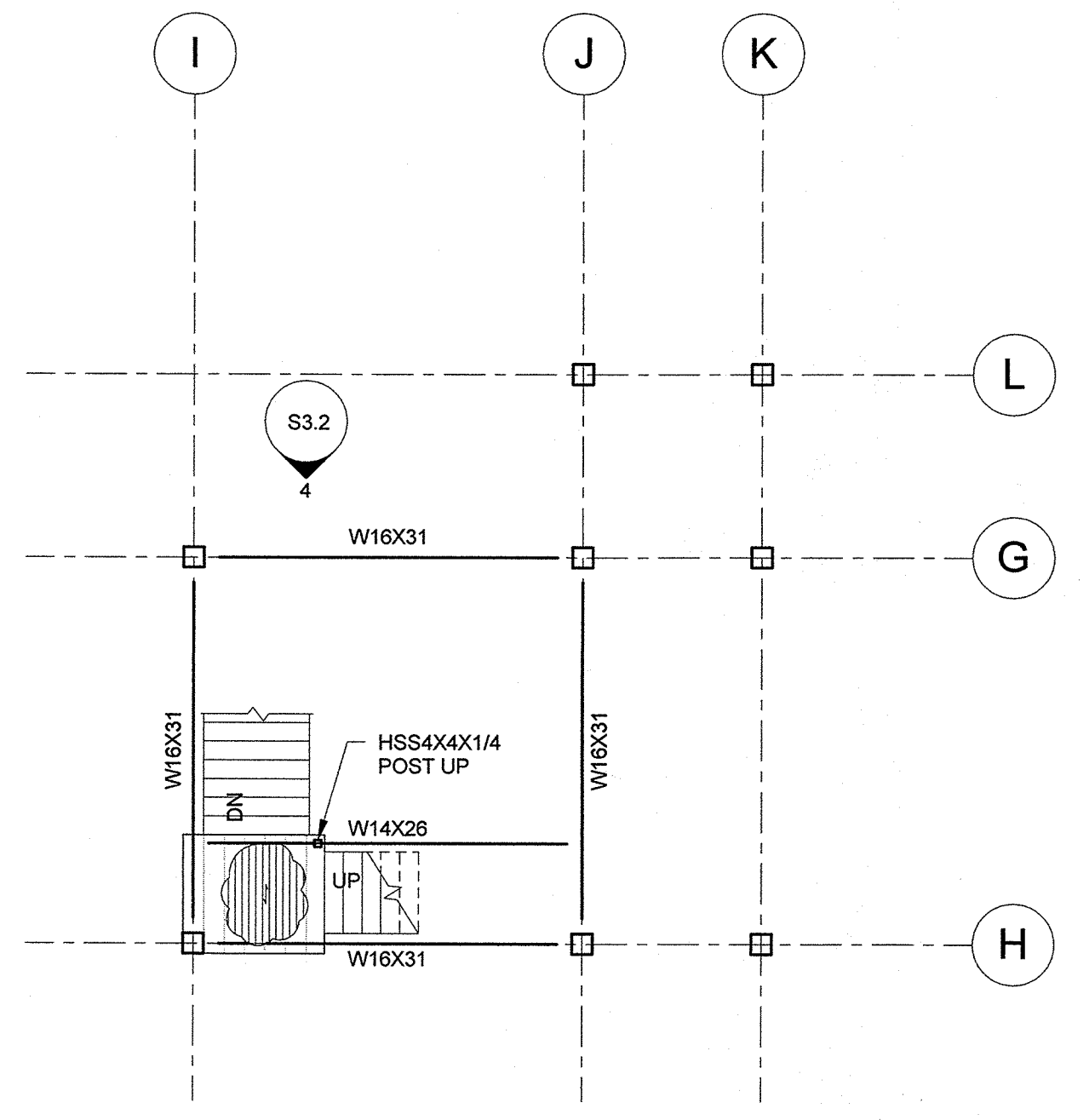
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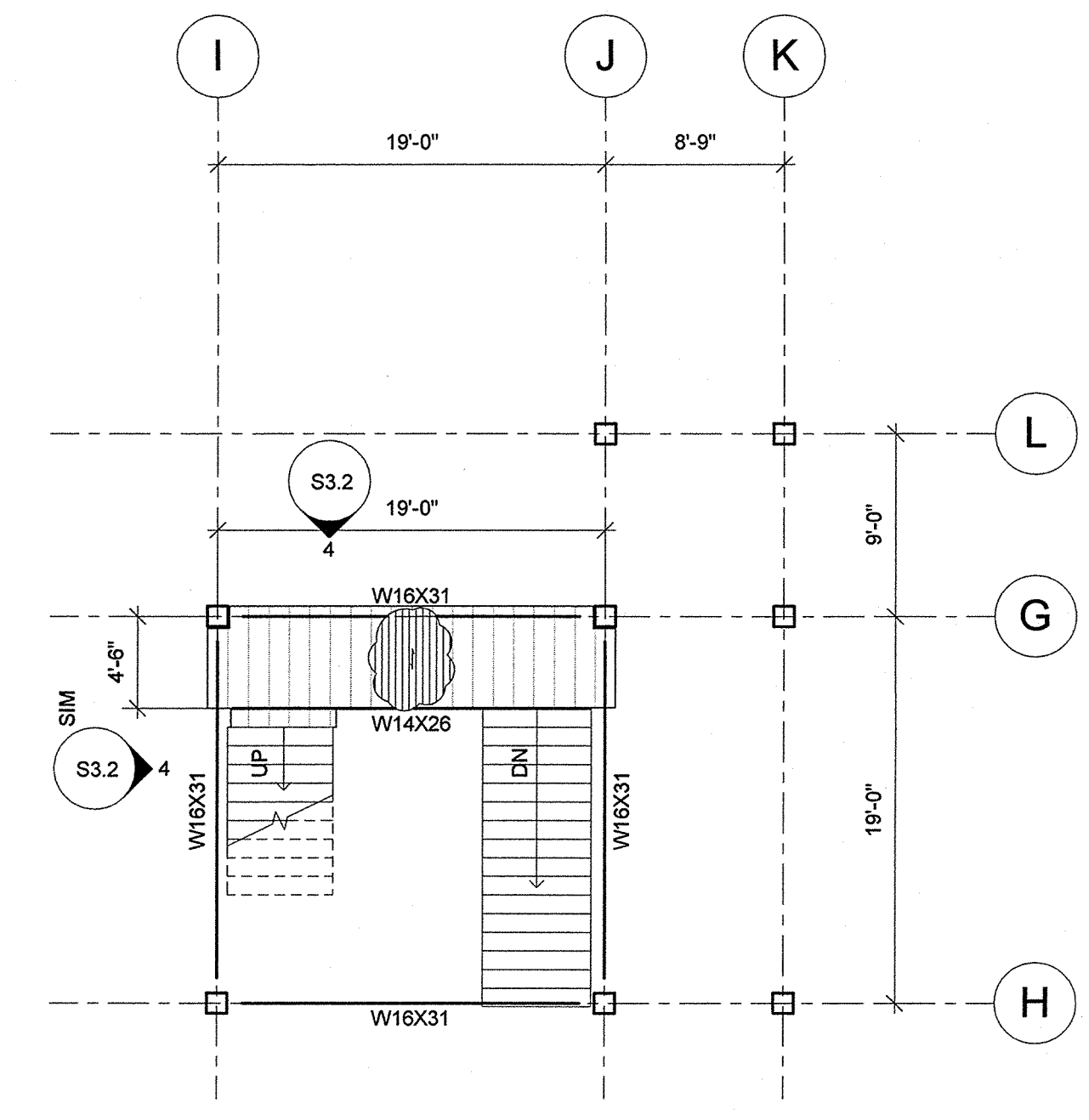


OVERLOOK ROOF FRAMING
 1/8" = 1'-0"
 STEEL BEARING EL. = 109'-0"

- ROOF FRAMING PLAN NOTES**
- 1 CONT. L5X3X1/4" DECK SUPPORT ANGLE CONT. AROUND PERIMETER OF PAVILION.
 - 2 1-1/2", 20 GAGE, TYPE B, G-90 GALVANIZED STEEL ROOF DECK (FY=33 KSI, MIN.) ATTACH TO STEEL W/ #12 TEK SCREWS IN 36/5 PATTERN W/ (4) #10 TEK SCREWS AT SIDELAPS.
 - 3 ALL STEEL TO BE ASTM A588 OR A847 "WEATHERING STEEL".

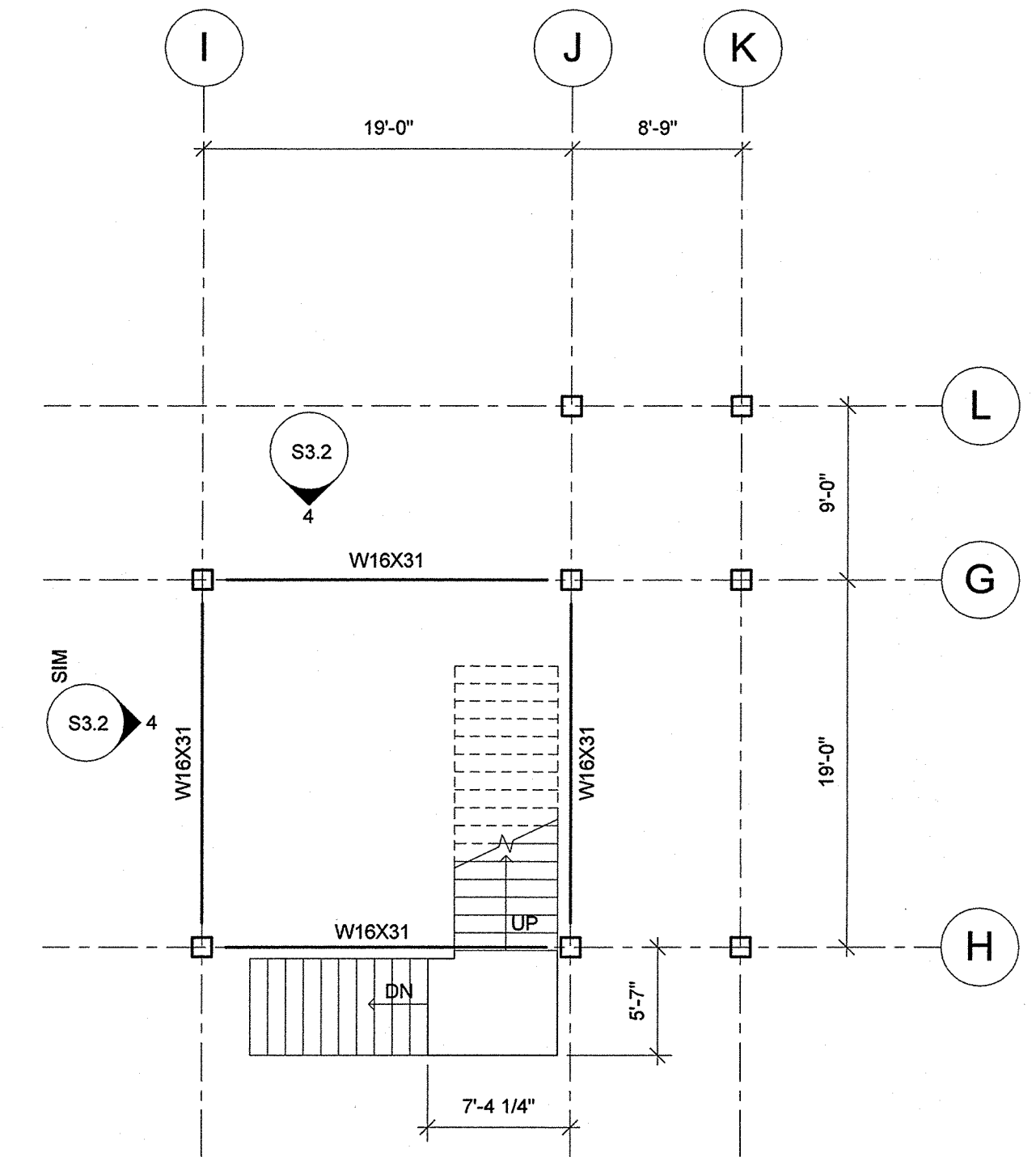


OVERLOOK FIRST LANDING
 1/8" = 1'-0"
 T/STEEL EL. = 95'-11"



OVERLOOK SECOND LANDING
 1/8" = 1'-0"
 T/STEEL EL. = 89'-6"

- FLOOR FRAMING PLAN NOTES**
- T/STEEL EL. = 100'-0"
- 1 PRE-ENGINEERED STEEL HANDRAILS AND KICK PLATES BY SPECIALTY ENGINEER
 - 2 PRE-ENGINEERED STEEL STAIRS AND LANDINGS, BY SPECIALTY ENGINEER, COORDINATE DETAILS WITH ARCHITECTURAL.
 - 3 PRE-ENGINEERED ALUMINUM WALKWAY DECKING, SEE ARCHITECTURAL.



OVERLOOK THIRD LANDING
 1/8" = 1'-0"
 T/STEEL EL. = 79'-7"

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NORTH SHORE OVERLOOK & TRAILHEAD

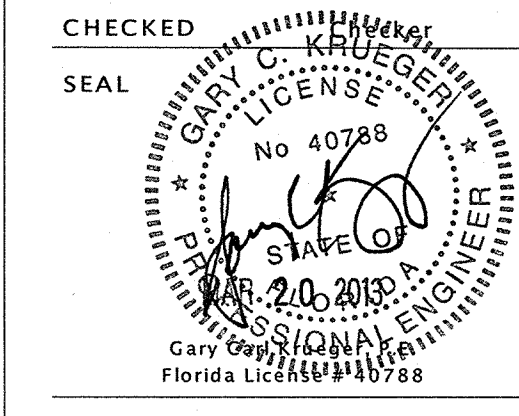
LAKE COUNTY, FL
SECTIONS AND DETAILS

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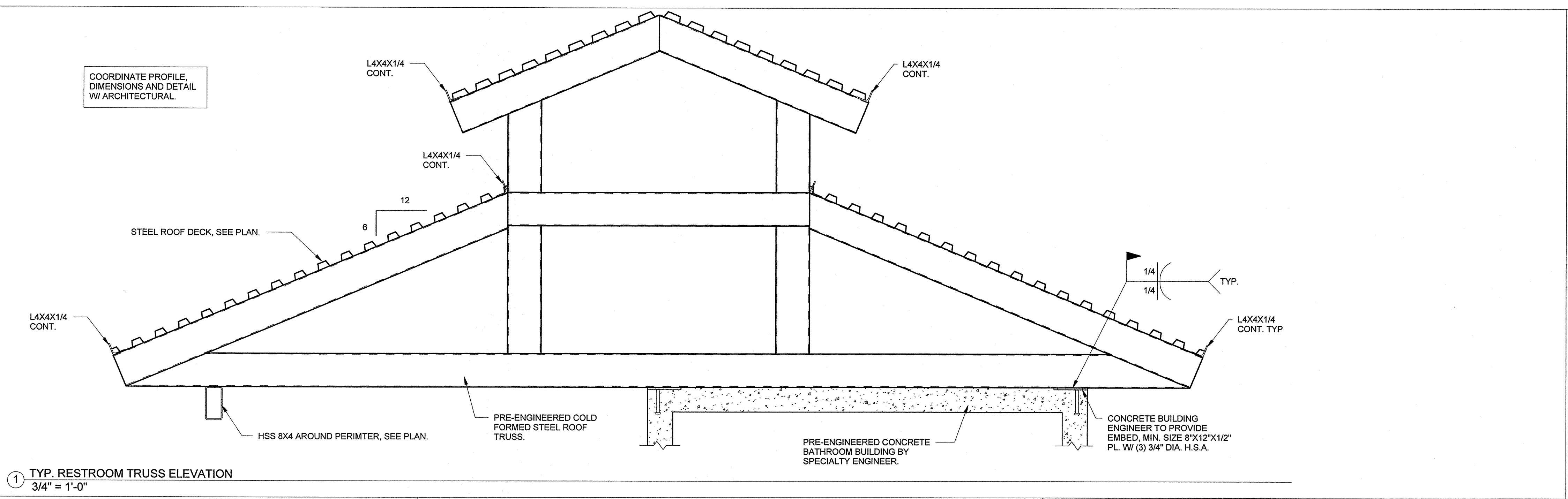
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SCALE	As indicated
DATE	12-19-2012
PROJECT #	12.111.00
DESIGNED	Designer

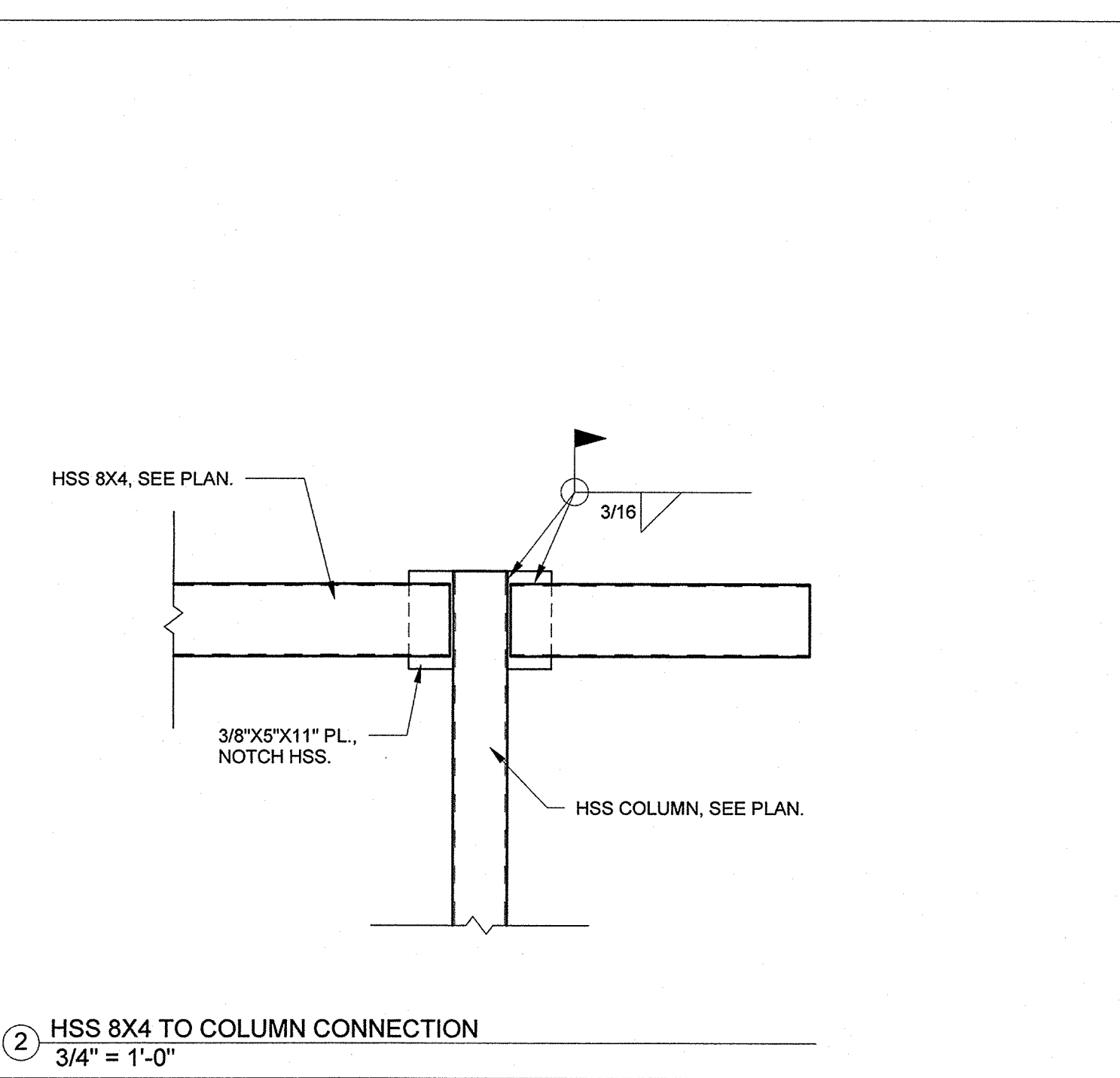


LAKE COUNTY BUILDING DIVISION
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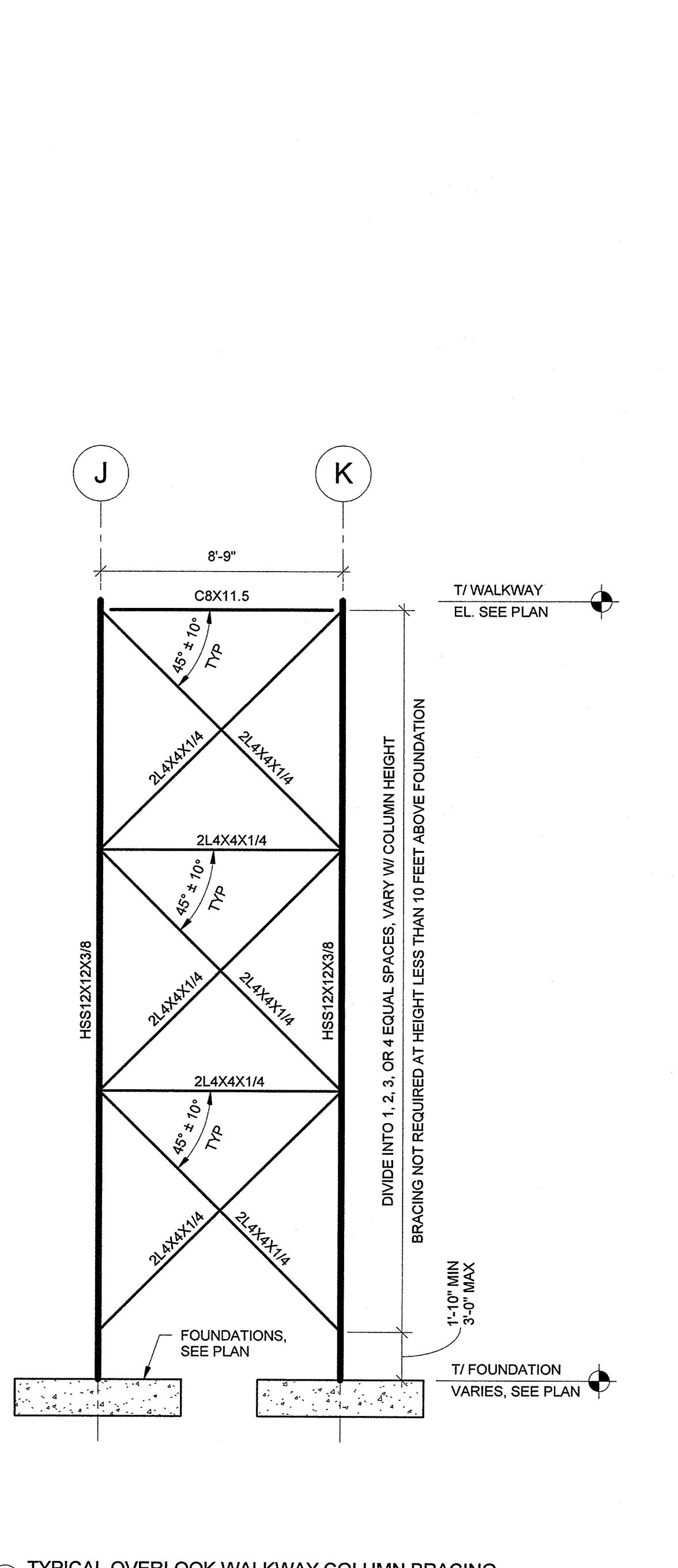
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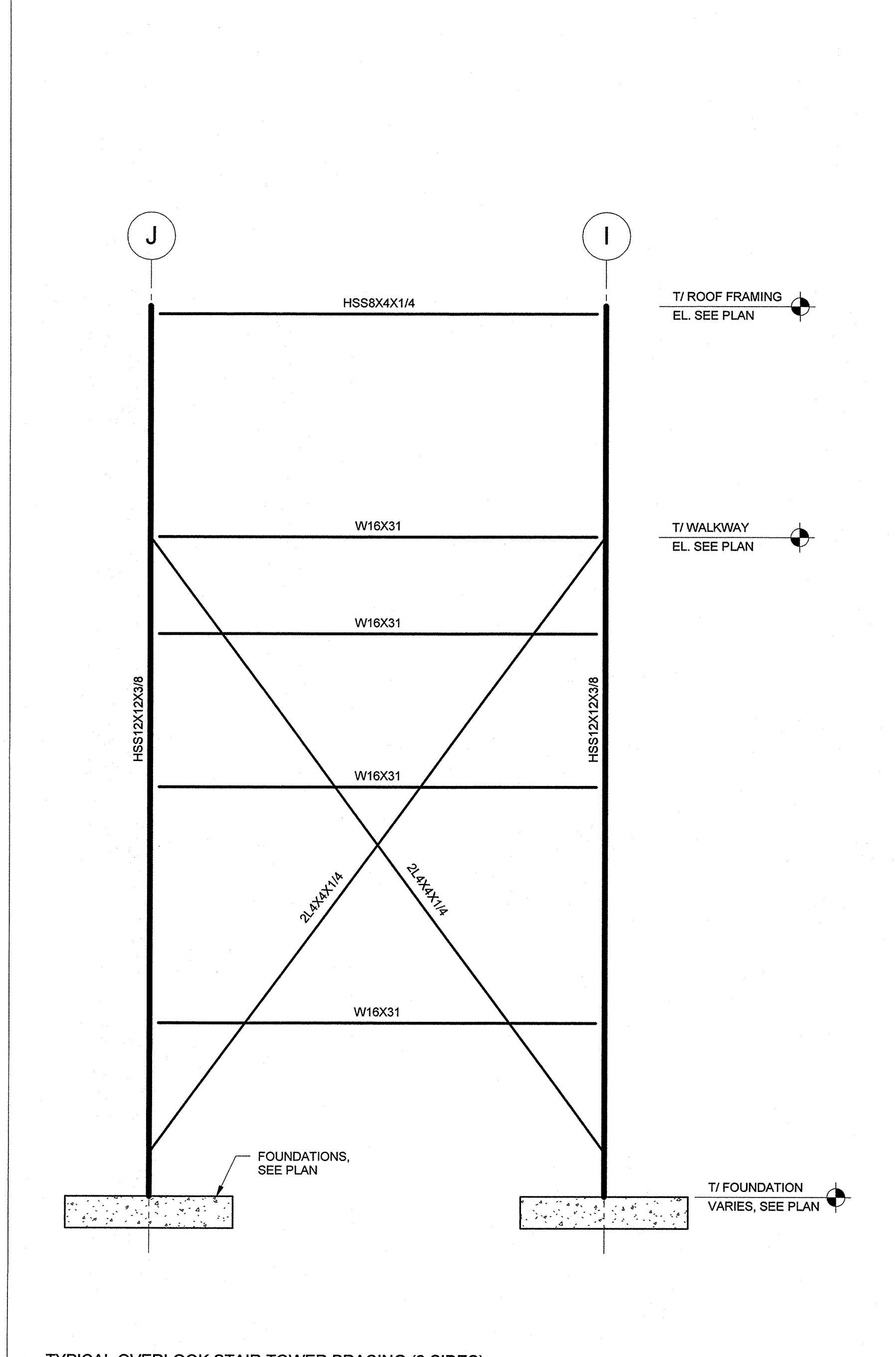
1 TYP. RESTROOM TRUSS ELEVATION
 3/4" = 1'-0"



2 HSS 8X4 TO COLUMN CONNECTION
 3/4" = 1'-0"



3 TYPICAL OVERLOOK WALKWAY COLUMN BRACING
 1/4" = 1'-0"



4 TYPICAL OVERLOOK STAIR TOWER BRACING (2 SIDES)
 1/4" = 1'-0"

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To the best of the engineer's knowledge, these plans and specifications comply with the 2010 Florida Building Code and the Florida Fire Prevention Code (2010 Edition).

GENERAL NOTES:

- ALL WORK AND EQUIPMENT UNDER THIS DIVISION SHALL BE IN STRICT COMPLIANCE WITH THE CODES, STANDARDS AND PRACTICES LISTED HEREIN, AND THEIR RESPECTIVE DATES ARE FURNISHED AS THE MINIMUM LATEST REQUIREMENTS.
 - STATE OF FLORIDA.
 - LIFE SAFETY CODE - NFPA 101.
 - UNDERWRITERS LABORATORIES, INC. PUBLICATIONS
 - NATIONAL FIRE PROTECTION ASSOCIATION (NFPA).
 - AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI).
 - NATIONAL ELECTRICAL CODE - NFPA 70.
 - INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE).
 - NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA).
 - REQUIREMENTS OF LOCAL POWER COMPANY.
 - 2010 FLORIDA BUILDING CODE.
 - THE AMERICANS WITH DISABILITIES ACT (ADA)
 - FLORIDA ACCESSIBILITY CODE.
- REFER TO THE ARCHITECTURAL AND CIVIL DRAWINGS FOR RELATED INFORMATION AND ADDITIONAL INSTALLATION REQUIREMENTS TO BE PERFORMED AS PART OF THE WORK.
- REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- COORDINATE OUTLET BOX LOCATIONS WITH MASONRY TO AVOID CUTTING ON MORTAR JOINTS.
- EQUIPMENT SHALL BE OF MATERIALS SUITABLE FOR AND RATED FOR THE ENVIRONMENT IN WHICH THEY ARE TO BE INSTALLED, WITH APPROPRIATE NEMA ENCLOSURE RATING.
 - WORKING CLEARANCES AND DEDICATED SPACE FOR ELECTRICAL EQUIPMENT SHALL BE IN COMPLIANCE WITH NEC 110.
- ALL BRANCH CIRCUIT CONDUITS SHALL CONTAIN A MINIMUM OF (2) #12 AWG INSULATED COPPER CONDUCTORS, PLUS A MINIMUM OF (1) #12 AWG GROUND WIRE UNLESS NOTED OTHERWISE. ALL BRANCH CIRCUITS AND FEEDERS SHALL HAVE INDIVIDUAL NEUTRAL CONDUCTORS.
- LOCATIONS OF EQUIPMENT SPECIFIED BY OTHER TRADES OR PROVIDED BY OWNER ARE APPROXIMATE. COORDINATE EXACT LOCATIONS IN FIELD PRIOR TO ROUGHING IN AND ROUTING CONDUIT.
- CONTRACTOR SHALL UPSIZE BRANCH CIRCUIT WIRE SIZE AS REQUIRED TO COMPENSATE VOLTAGE DROP FROM LENGTHENING OF CIRCUITS DUE TO FIELD ROUTING. FINAL INSTALLATION SHALL MEET FLORIDA BUILDING CODE REQUIREMENT OF: MAXIMUM BRANCH CIRCUIT VOLTAGE DROP OF 3%.
 - REFER TO VOLTAGE DROP CHART BELOW FOR CONDUCTOR SIZES FOR BRANCH CIRCUITS

120 VOLT (BASIS 1500 WATT) CIRCUIT LENGTH	MIN. CONDUCTOR WIRE SIZE FOR VOLTAGE DROP
0 - 70'	#12 AWG
71' - 115'	#10 AWG
116' - 180'	#8 AWG

 - 18' AND ABOVE TO BE SUBMITTED BY CONTRACTOR AND APPROVED BY ENGINEER.
- WITHIN 30 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE CONTRACTOR SHALL PROVIDE RECORD DRAWINGS OF THE ACTUAL INSTALLATION INCLUDING: SINGLE LINE DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM, SITE PLANS AND ALL ELECTRICAL FLOOR PLANS.
- CONTRACTOR SHALL PROVIDE AN OPERATING MANUAL AND MAINTENANCE MANUAL TO OWNER. THE MANUAL SHALL INCLUDE AT A MINIMUM: (1) SUBMITTAL DATA STATING EQUIPMENT RATINGS AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. (2) OPERATION AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED. (3) NAMES AND ADDRESSES OF AT LEAST ONE QUALIFIED SERVICE AGENCY.
- CONTRACTOR SHALL PROVIDE TEMPORARY ELECTRICAL SERVICE AS REQUIRED FOR USE BY ALL TRADES DURING CONSTRUCTION. REMOVE TEMPORARY POWER AT THE COMPLETION OF THE PROJECT. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS TO OBTAIN TEMPORARY ELECTRICAL SERVICE.
- ALL CONDUCTORS SHALL BE COPPER. ALUMINUM CONDUCTORS ARE NOT PERMITTED.

ELECTRICAL SPECIFICATIONS

GENERAL:

THE INSTALLATION SHALL COMPLY WITH ALL LOCAL LAWS AND ORDINANCES APPLICABLE TO ELECTRICAL INSTALLATIONS, AND WITH THE REGULATIONS OF THE NFPA WHERE SUCH REGULATIONS DO NOT CONFLICT WITH THESE LAWS. OBTAIN ALL PERMITS REQUIRED.

MANUFACTURERS DRAWINGS AND DATA: SUBMIT TO THE ENGINEER FOR APPROVAL FIVE (5) COPIES OF THE COMPLETE LIST OF ALL ELECTRICAL MATERIALS WHICH ARE PROPOSED TO BE FURNISHED FOR THIS PROJECT. AS A MINIMUM THE SUBMITTAL SHALL INCLUDE PANELBOARDS, A.I.C. OF BREAKERS INSTALLED, AND LIGHT FIXTURES.

STANDARD OF MATERIALS AND WORKMANSHIP: ALL MATERIALS, EQUIPMENT AND APPARATUS COVERED BY THIS SPECIFICATION SHALL BE NEW, OF CURRENT MANUFACTURE AND SHALL BEAR THE SEAL OF APPROVAL OF THE UNDERWRITERS LABORATORIES. ALL WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER AND SHALL PRESENT A NEAT AND MECHANICAL APPEARANCE WHEN COMPLETED.

STORAGE OF MATERIALS: THE CONTRACTOR SHALL PROVIDE SUITABLE STORAGE FACILITIES FOR ALL MATERIAL FURNISHED BY HIM UNDER THIS CONTRACT. ALL ITEMS TO BE INSTALLED MUST BE FREE OF RUST AND DIRT.

FIREPROOFING: ALL CONDUIT AND BOXES PASSING THROUGH OR INSTALLED WITHIN FIRE WALLS AND SMOKE WALLS SHALL BE INSTALLED SO AS TO MAINTAIN THE INTEGRITY OF THE WALL THROUGH WHICH IT PASSES. BOXES TO BE INSTALLED WITH 1/8" OF WALL SURFACE.

TESTING: AT THE COMPLETION OF THE WORK, A THOROUGH TEST SHALL BE MADE IN THE PRESENCE OF THE ENGINEER OR HIS REPRESENTATIVE, AND THE ENTIRE SYSTEM SHALL BE SHOWN TO BE IN PERFECT WORKING CONDITION AS INTENDED BY THESE SPECIFICATIONS.

GUARANTEE: THE CONTRACTOR SHALL LEAVE THE ENTIRE ELECTRICAL SYSTEM INSTALLED BY HIM UNDER THIS CONTRACT IN PROPER WORKING ORDER AND SHALL REPLACE, WITHOUT ADDITIONAL CHARGE, ALL WORK OR MATERIAL WHICH MAY DEVELOP DEFECTS, ORDINARY WEAR AND TEAR OR DAMAGE RESULTING FROM IMPROPER HANDLING EXCEPTED, WITHIN A PERIOD OF ONE YEAR FROM THE DATE OF FINAL TESTING AND ACCEPTANCE BY THE ENGINEER. BALLASTS SHALL BE INCLUDED BUT LAMPS SHALL BE EXCLUDED.

IDENTIFICATION:

EQUIPMENT: EQUIPMENT IDENTIFICATION SHALL BE MADE USING ENGRAVED LAMINATED PHENOLIC OR MICARTA PLATES (INDENTED TAPE LABELS WILL NOT BE PERMITTED). CHARACTERS SHALL BE WHITE ON A BLACK BACKGROUND AND 1/4" HIGH MINIMUM. PLATES SHALL BE SECURED TO THE PANELS BY MEANS OF SCREWS OR METAL PRESSURE PINS. CEMENT, BY ITSELF, WILL NOT ACCEPTABLE. ALL NAMEPLATES SHALL BE MOUNTED ON THE OUTSIDE SURFACE OF THE PIECE OF EQUIPMENT. INDIVIDUALLY ENCLOSED SAFETY SWITCHES, CIRCUIT BREAKERS, AND MOTOR STARTERS, PULL BOXES, CONTROL CABINETS AND OTHER SUCH ITEMS SHALL BE IDENTIFIED INDICATING LOAD, ELECTRICAL CHARACTERISTICS, AND SOURCE.

GROUNDING:

IN GENERAL A GROUND WIRE SHALL BE INSTALLED IN EVERY CONDUIT. THE CONDUIT INSTALLATION ITSELF SHALL SERVE AS AN ADDITIONAL GROUNDING MEANS.

WHERE CONDUITS TERMINATE WITHOUT MECHANICAL CONNECTION (I.E. LOCKNUTS AND BUSHINGS) TO PANELBOARDS, AND FOR ALL TERMINATIONS OF CONDUIT CONTAINING #4 AWG OR LARGER WIRE; AND FOR ALL SIZES OF METALLIC CONDUIT (RIGID OR FLEXIBLE) TERMINATING IN CONCENTRIC KNOCKOUTS, THE FOLLOWING PROCEDURE SHALL BE FOLLOWED: EACH CONDUIT SHALL BE PROVIDED WITH AN INSULATING GROUND BUSHING AND EACH BUSHING CONNECTED WITH A BARE COPPER CONDUCTOR TO THE GROUND BUS IN THE ELECTRICAL EQUIPMENT. THE GROUND CONDUCTOR SHALL BE IN ACCORDANCE WITH THE ARTICLE OF GROUNDING OF NEC.

A BONDING AND SINGLE POINT GROUNDING SYSTEM SHALL BE PROVIDED TO INTERCONNECT THE MAIN ELECTRICAL SERVICE GROUND AND ALL SPECIAL ELECTRONIC SYSTEM ISOLATED GROUNDS.

CONDUIT AND FITTINGS:

ALL UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC AND SHALL BE A MINIMUM OF 2 FEET BELOW GRADE. PROVIDE WARNING TAPE 12" ABOVE CONDUIT.

NOT MORE THAN THREE CIRCUITS MAY BE INSTALLED IN ANY ONE CONDUIT UNLESS OTHERWISE INDICATED.

ALL CONDUITS SHALL BE CONCEALED UNLESS OTHERWISE NOTED ON THE DRAWINGS. EXPOSED CONDUIT WILL BE PERMITTED ONLY AS SHOWN ON THE DRAWINGS. EXPOSED CONDUIT SHALL BE RUN PARALLEL WITH OR AT RIGHT ANGLES TO THE BUILDING WALLS. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A PLASTIC OR NYLON FISH WIRE.

CONDUCTORS:

ALL CONDUCTORS SHALL HAVE NEC TYPE THHN/THWN, 600 VOLT INSULATION CONDUCTORS NO. 12 THROUGH NO. 10 SHALL BE SOLID AND NO. 8 AND LARGER SHALL BE STRANDED. NO CONDUCTORS SMALLER THAN NO. 12 SHALL BE USED EXCEPT AS OTHERWISE NOTED. CONTROL CONDUCTORS SHALL BE NO. 14.

CABLE AND WIRE SPLICES:

THE MATERIALS SHALL BE COMPATIBLE WITH THE CONDUCTORS, INSULATIONS AND PROTECTIVE JACKETS OF THE RESPECTIVE CABLES AND WIRES.

FOR CONDUCTOR SIZED NO. 8 AWG OR LARGER, SPLICES IN CONDUCTORS SHALL BE MADE WITH INSULATED, CRIMP CONNECTORS AND COMPRESSION TOOLS OR WITH BOLTED CLAMP TYPE CONNECTORS TO INSURE A SATISFACTORY MECHANICAL AND ELECTRICAL JOINT.

PANELBOARDS:

INTERRUPTING RATINGS SHALL BE COORDINATED WITH THE AVAILABLE SHORT CIRCUIT CURRENT. BRANCH CIRCUIT PROTECTION DEVICES SHALL BE MOLDED CASE CIRCUIT BREAKERS BOLT-ON TYPE. PANELS SHALL BE FULLY RATED.

HARDWARE SHALL CONSIST OF COMBINATION LATCH AND LOCK, ALL KEVED THE SAME.

PANEL ENCLOSURES SHALL BE FURNISHED WITHOUT KNOCKOUTS. ALL KNOCKOUTS TO BE FIELD CUT.

TYPED DIRECTORY CARDS SHALL BE FURNISHED IN EACH PANEL.

ALL PANELS SHALL BE PROVIDED WITH COPPER BUSSING, A COPPER EQUIPMENT GROUNDING BUS SIMILAR TO, BUT ISOLATED FROM THE COPPER SOLID-NEUTRAL BUS.

EACH PANEL SHALL BE FURNISHED WITH AN IDENTIFICATION PLATE AS SPECIFIED IN THE "IDENTIFICATION" SECTION OF THIS SPECIFICATION.

ACCEPTABLE MANUFACTURERS: SQ-D, GE, SIEMENS.

LIGHTING FIXTURES:

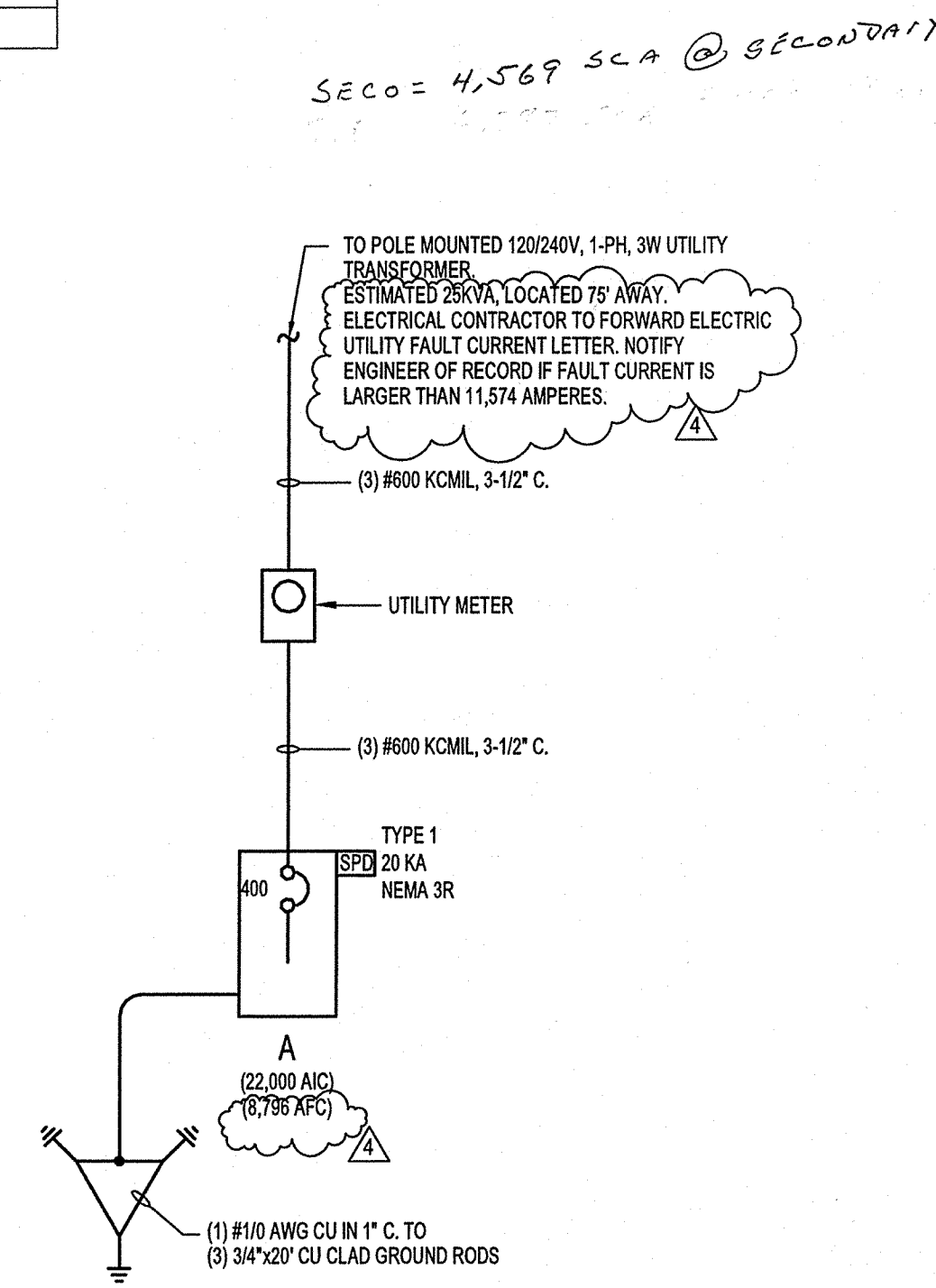
IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY CATALOG NUMBERS IN THE FIXTURE SCHEDULE TO ENSURE THAT MATCHES THE DESCRIPTION GIVEN AND FOR PROPER MOUNTING, REQUIRED ACCESSORIES, ETC.

SURGE PROTECTION:

SURGE PROTECTION DEVICES SHALL BE PROVIDED FOR ALL NEW DISTRIBUTION EQUIPMENT. IT SHALL BE INSTALLED ON THE MAIN ELECTRICAL SERVICE, ALL DISTRIBUTION PANELS AND SELECTED SUB-PANELS, POWER SUPPLIES OF SPECIAL SYSTEMS, AND ON CIRCUITS FEEDING SELECTED MAJOR ITEMS THAT HAVE A SENSITIVE ELECTRICAL NATURE.

DEVICES SHALL BE UL 1449 3RD EDITION LISTED.

ELECTRICAL SHEET LIST	
SHEET NUMBER	SHEET NAME
E0.1	ELECTRICAL NOTES AND LEGEND
E1.0	SITE ELECTRICAL PLAN



ELECTRICAL ONE-LINE DIAGRAM
N.T.S.

ELECTRICAL REVIEWER PLANS ARE TO BE KEPT ON JOB SITE
ANY ERRORS OR OMISSIONS IN THESE PLANS SHALL BE MADE TO CONFORM WITH APPLICABLE CODE REQUIREMENTS PER SECTION 104.1.1 OF THE FLORIDA BUILDING CODE
REVIEWED: *[Signature]* 5-29-13

Branch Panel: A											
			Location:			Volts: 120/240 Single			A.I.C. Rating: 22,000		
			Supply From:			Phases: 1			Mains Type: MCB		
			Mounting: Surface			Wires: 3			Mains Rating: 400 A		
			Enclosure: Type N3R								
Notes:											
CKT	Circuit Description	Trip	Poles	A	B	Poles	Trip	Circuit Description	CKT		
1	Lighting	20 A	2	803 VA	0 VA	803 VA	0 VA	2	30 A	Surge Protection Device	2
3											4
5	Lighting	20 A	2	143 VA	1955 VA	143 VA	1955 VA	2	35 A	Future Well Pump	6
7											8
9	Future Pavillion	60 A	2	3600 VA	3600 VA	3600 VA	3600 VA	2	60 A	Future Restroom Building	10
11											12
13	Future Overlook Tower	60 A	2	3600 VA	0 VA	3600 VA	0 VA	1	20 A	Spare	14
15											16
17	Street Flashing Beacon	15 A	1	1000 VA	0 VA	0 VA	0 VA	1	20 A	Spare	18
19	Space	--	--	0 VA	0 VA	0 VA	0 VA	--	20 A	Spare	20
21	Space	--	--	0 VA	0 VA	0 VA	0 VA	--	20 A	Space	22
23	Space	--	--	0 VA	0 VA	0 VA	0 VA	--	20 A	Space	24
25	Space	--	--	0 VA	0 VA	0 VA	0 VA	--	20 A	Space	26
27	Space	--	--	0 VA	0 VA	0 VA	0 VA	--	20 A	Space	28
29	Space	--	--	0 VA	0 VA	0 VA	0 VA	--	20 A	Space	30
31	Space	--	--	0 VA	0 VA	0 VA	0 VA	--	20 A	Space	32
33	Space	--	--	0 VA	0 VA	0 VA	0 VA	--	20 A	Space	34
35	Space	--	--	0 VA	0 VA	0 VA	0 VA	--	20 A	Space	36
37	Space	--	--	0 VA	0 VA	0 VA	0 VA	--	20 A	Space	38
39	Space	--	--	0 VA	0 VA	0 VA	0 VA	--	20 A	Space	40
41	Space	--	--	0 VA	0 VA	0 VA	0 VA	--	20 A	Space	42
				Total Load:		14701 VA		13701 VA			
				Total Amps:		123 A		114 A			
Legend:											
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals			
Lighting		2892	1891 VA	125.00%	3615	2384 VA		Total Conn. Load:		28402 VA	28402 VA
Other			1000 VA	100.00%		1000 VA		Total Est. Demand:		28874 VA	29125 VA
Spare	Future		25510 VA	100.00%		25510 VA		Total Conn. Current:		118 A	
								Total Est. Demand Current:		120 A	121 Amps
Notes:											
SERVICE ENTRANCE RATED. BOND NEUTRAL TO GROUND BUS.											
PROVIDE NEMA 3R ENCLOSURE											
PROVIDE TYPEWRITTEN DIRECTORY STATING SPECIFIC LOAD AND LOCATION.											

ELECTRICAL SYMBOL LEGEND

SERVICE AND DISTRIBUTION

- BRANCH CIRCUIT PANELBOARD, UNDER 250 VOLTS, SURFACE MOUNTED
- GROUND BAR
- SURGE PROTECTION DEVICE
TYPE 1 = SERVICE ENTRANCE DEVICE
TYPE 2 = PANELBOARD DEVICE

LIGHTING

- (SEE LIGHTING FIXTURE SCHEDULE)
- POLE MOUNTED LIGHT FIXTURE. NUMBER INDICATES BRANCH CIRCUIT WHICH FIXTURE IS CONNECTED. UPPER CASE LETTER INDICATES FIXTURE TYPE.



618 East South Street, Suite 600
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NORTH SHORE OVERLOOK & TRAILHEAD

LAKE COUNTY, FL ELECTRICAL NOTES AND LEGEND

LAKE COUNTY BUILDING DIVISION
Any errors or omissions in these plans shall be made to conform with the applicable code requirements per Florida Building Code section 105.4.1. Plans were reviewed for code compliance and shall be kept on job site.

PLANS FOR INSPECTORS USE ONLY
MUST BE ON JOB SITE DURING INSPECTION

DRS Submittal

CONSULTANT:

TLC ENGINEERING FOR ARCHITECTURE
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Fax: 321-639-8786
www.tlc-engineers.com
TLC Engineering for Architecture, Inc.
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COA #15 TLC NO: 512035

REVISIONS:

NO.	REVISION	DATE
2	Revision 2	01-24-13
4	Revision 4	05-06-13

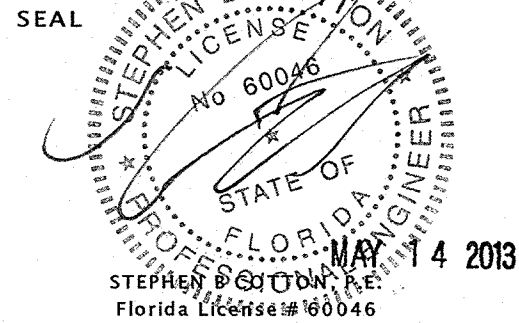
SCALE N.T.S.

DATE 11/19/2012

PROJECT # 12.111.00

DESIGNED JNP

CHECKED



SHEET
E0.1

NORTH SHORE OVERLOOK & TRAILHEAD

LAKE COUNTY, FL
SITE ELECTRICAL PLAN

LAKE COUNTY BUILDING DIVISION
 Any errors or omissions in these plans shall be made to conform with the applicable code requirements per Florida Building Code section 105.4.1. Plans were reviewed for code compliance and shall be kept on job site.

PLANS FOR INSPECTORS USE ONLY
 MUST BE ON JOB SITE DURING INSPECTION

DRS Submittal

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 TLC Engineering for Architecture, Inc.
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 COA #15 TLC NO: 512035

REVISIONS:

2	Revision 2	01-24-13
3	Revision 3	03-15-13
4	Revision 4	05-06-13

SCALE As Indicated

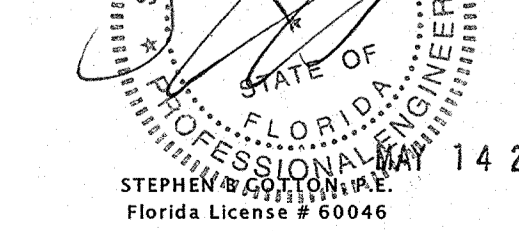
DATE 11/19/2012

PROJECT # 12.111.00

DESIGNED JNP

CHECKED

SEAL



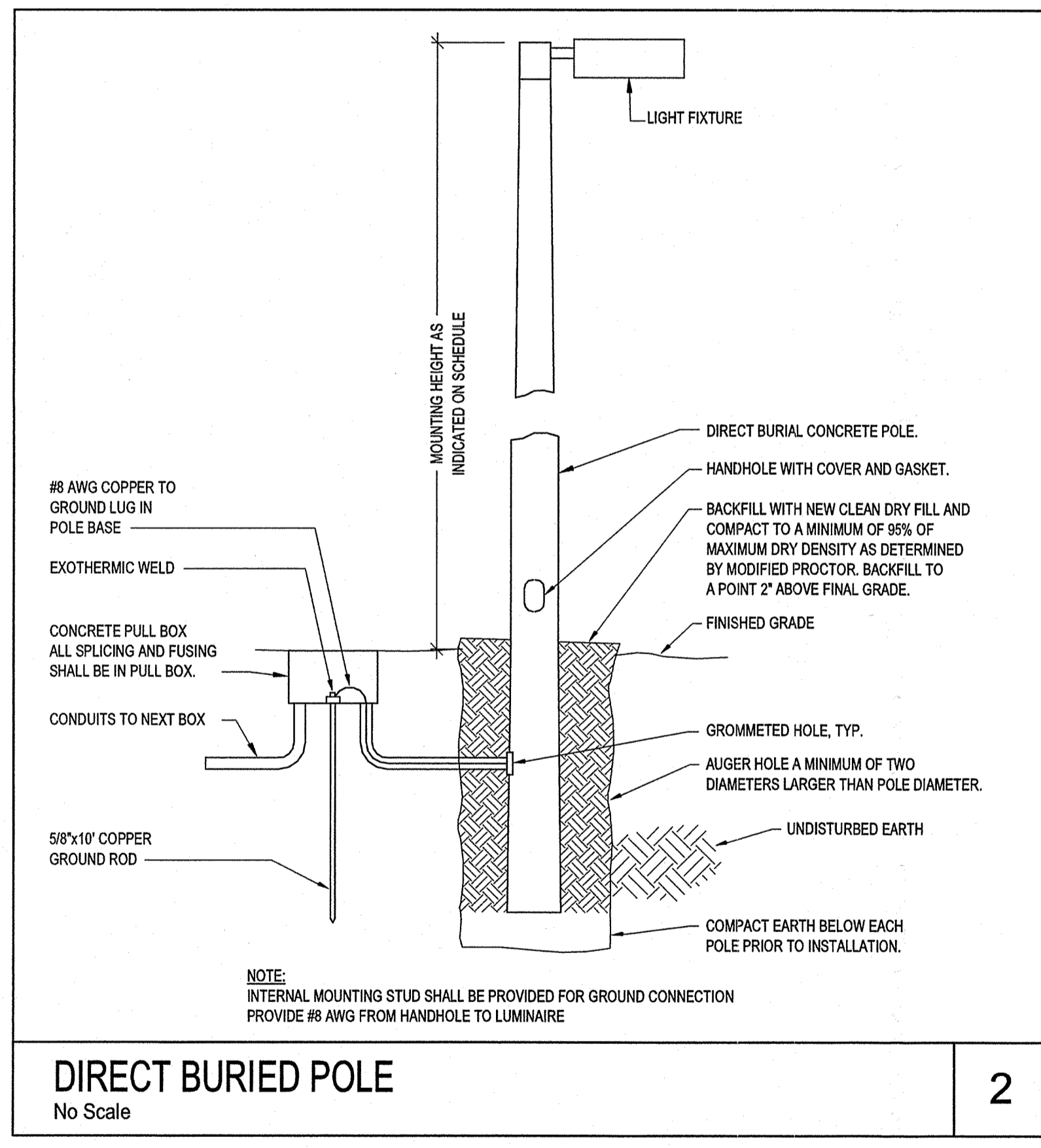
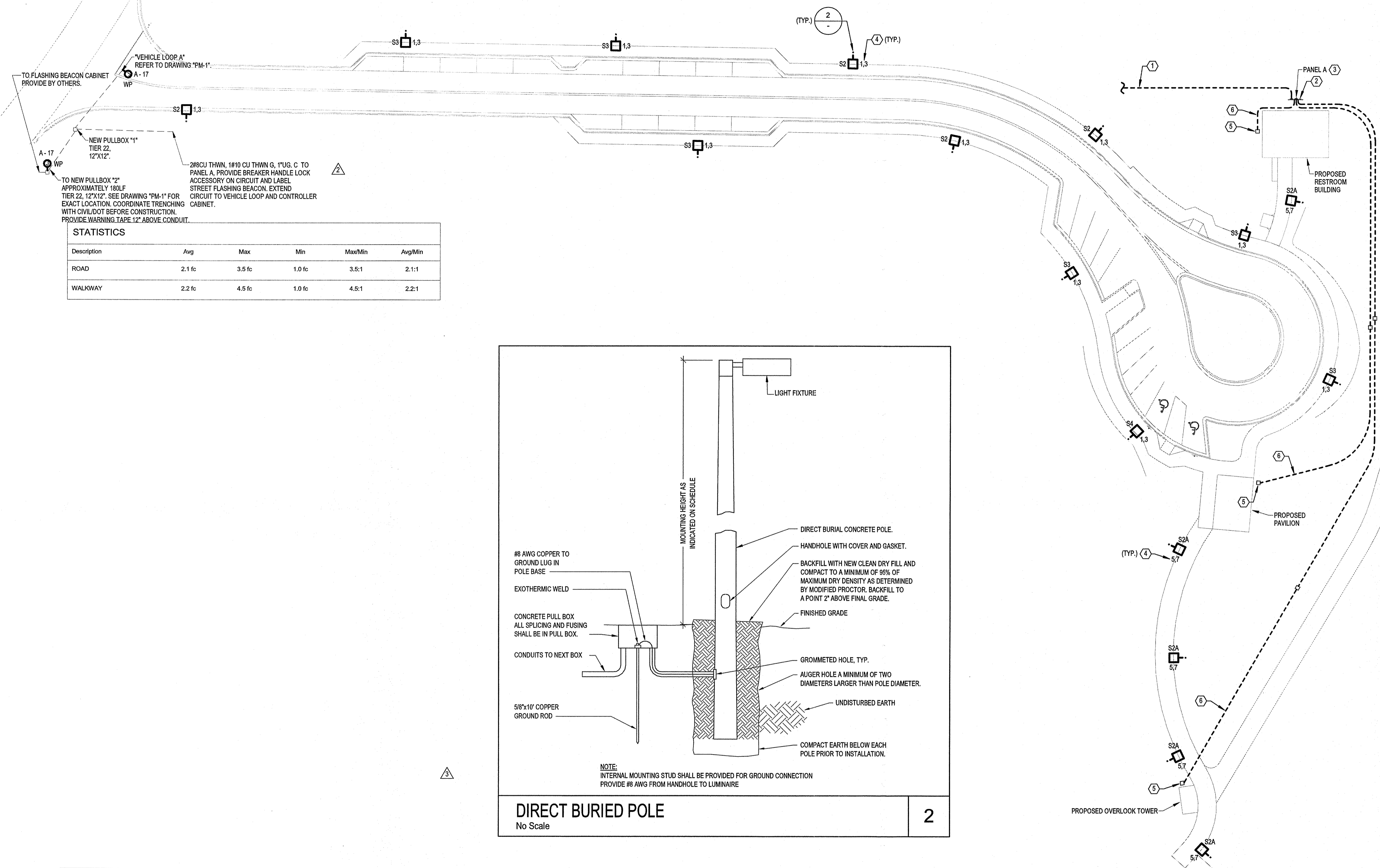
SHEET

E1.0

RECEIVED MAY 29 2013

CODED NOTES:

- U.G. SECONDARY BUILDING SERVICE ENTRANCE LATERAL TO UTILITY POLE MOUNTED TRANSFORMER. FIELD VERIFY LENGTH AND LOCATION.
- PROVIDE 8 POLE LIGHTING CONTACTOR IN NEMA 3R ENCLOSURE. PROVIDE PHOTOCELL TO CONTROL LIGHTING CONTACTOR.
- MOUNT UTILITY METER, PANEL, PHOTOCELL, AND LIGHTING CONTACTOR ON GALVANIZED RACK WITH CONCRETE BASE.
- ROUTE SITE LIGHTING CIRCUITS THROUGH LIGHTING CONTACTOR. MINIMUM WIRE SIZE SHALL BE #8 CU FOR CIRCUIT LENGTH OF 650'. CONTRACTORS SHALL SUBMIT VOLTAGE DROP CALCS OF PROPOSED CIRCUIT AND CONTRACTORS CONDUIT ROUTING INSTALLATION METHODS PER GENERAL NOTE 3 ON DRAWING E01.
- PROVIDE CONCRETE PULL BOX WITH OPEN BOTTOM AND REMOVABLE COVER, SIZED PER NEC. MOUNT TOP FLUSH WITH GRADE. PROVIDE PULL BOX EVERY 150'.
- PROVIDE U.G. 1-1/2" SCHEDULE 40 PVC CONDUIT FOR FUTURE POWER. PROVIDE PULL WIRE.



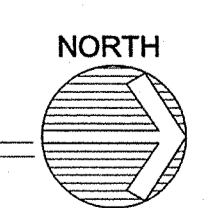
STATISTICS

Description	Avg	Max	Min	Max/Min	Avg/Min
ROAD	2.1 fc	3.5 fc	1.0 fc	3.5:1	2.1:1
WALKWAY	2.2 fc	4.5 fc	1.0 fc	4.5:1	2.2:1

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL	VOLTAGE	REQUIRED LAMPS			REMARKS
					NUM.	TYPE	VA	
S2	SITE LIGHTING, 1 HEAD, MOUNTED AT 25'-0" AFG ON DIRECT BURIED CONCRETE POLE, LED, FULL CUTOFF, TYPE II DISTRIBUTION, ALUMINUM HOUSING, DARK BRONZE FINISH, UL WET LOCATION LISTED.	LITHONIA COOPER LIGHTING GARDCO OR EQUAL	CSX1-LED-2-30870040K-SR2-MVOLT-SPA-DF240-DOBXD VTS-805-LED-E1-T2-BZ GL18-1-2-200LA-CW-240-BRP-LF-PTF2-SPR OR EQUAL	240 V		LED	146 VA	PROVIDE SIGNED AND SEALED SHOP DRAWINGS DEMONSTRATING COMPLIANCE WITH FBC WIND LOAD REQUIREMENTS, 140 MPH, RISK CATEGORY 2.
S2A	SITE LIGHTING, 1 HEAD, MOUNTED AT 12'-0" AFG ON DIRECT BURIED CONCRETE POLE, LED, FULL CUTOFF, TYPE II DISTRIBUTION, ALUMINUM HOUSING, DARK BRONZE FINISH, UL WET LOCATION LISTED.	LITHONIA COOPER LIGHTING GARDCO OR EQUAL	CSX1-LED-1-30853040K-SR2-MVOLT-SPA-DF240-DOBXD VTS-802-LED-E1-T2-BZ GL18-1-2-65LRA-CW-240-BRP-LF-PTF2-SPR OR EQUAL	240 V		LED	57 VA	PROVIDE SIGNED AND SEALED SHOP DRAWINGS DEMONSTRATING COMPLIANCE WITH FBC WIND LOAD REQUIREMENTS, 140 MPH, RISK CATEGORY 2.
S3	SITE LIGHTING, 1 HEAD, MOUNTED AT 25'-0" AFG ON DIRECT BURIED CONCRETE POLE, LED, FULL CUTOFF, TYPE II DISTRIBUTION, ALUMINUM HOUSING, DARK BRONZE FINISH, UL WET LOCATION LISTED.	LITHONIA COOPER LIGHTING GARDCO OR EQUAL	CSX1-LED-2-30870040K-SR3-MVOLT-SPA-DF240-DOBXD VTS-805-LED-E1-T2-BZ GL18-1-2-200LA-CW-240-BRP-LF-PTF2-SPR OR EQUAL	240 V		LED	146 VA	PROVIDE SIGNED AND SEALED SHOP DRAWINGS DEMONSTRATING COMPLIANCE WITH FBC WIND LOAD REQUIREMENTS, 140 MPH, RISK CATEGORY 2.
S4	SITE LIGHTING, 1 HEAD, MOUNTED AT 25'-0" AFG ON DIRECT BURIED CONCRETE POLE, LED, FULL CUTOFF, TYPE II DISTRIBUTION, ALUMINUM HOUSING, DARK BRONZE FINISH, UL WET LOCATION LISTED.	LITHONIA COOPER LIGHTING GARDCO OR EQUAL	CSX1-LED-2-30870040K-SR4-MVOLT-SPA-DF240-DOBXD VTS-805-LED-E1-T4-BZ GL18-1-4-200LA-CW-240-BRP-LF-PTF2-SPR OR EQUAL	240 V		LED	146 VA	PROVIDE SIGNED AND SEALED SHOP DRAWINGS DEMONSTRATING COMPLIANCE WITH FBC WIND LOAD REQUIREMENTS, 140 MPH, RISK CATEGORY 2.

SITE ELECTRICAL PLAN
 SCALE: 1" = 30'-0"



**NORTH SHORE
 OVERLOOK &
 TRAILHEAD**

LAKE COUNTY, FL
**LANDSCAPE
 PLAN**

100% REVIEW
 CONSULTANT:

REVISIONS:
 ▲ 09/28/12 Review Comments

SCALE 1" = 40'-0"
 DATE 11/01/2012
 PROJECT # 12.111.00
 DESIGNED RP/MH
 CHECKED FB
 SEAL

SHEET
LA-1

ADD ALTERNATE

Provide 4" well, 220' casing, 350' deep with 3 hp submersible pump, 220 gallon pressure tank on fiberglass tank slab and one hose bib. Final location to be determined in the field.

Provide 2 - 3/4" quick couplers w/ 3/4" key & 3/4" swivel. Place quick coupler in plastic valve box w/ locking lid. Key & swivel to owner.

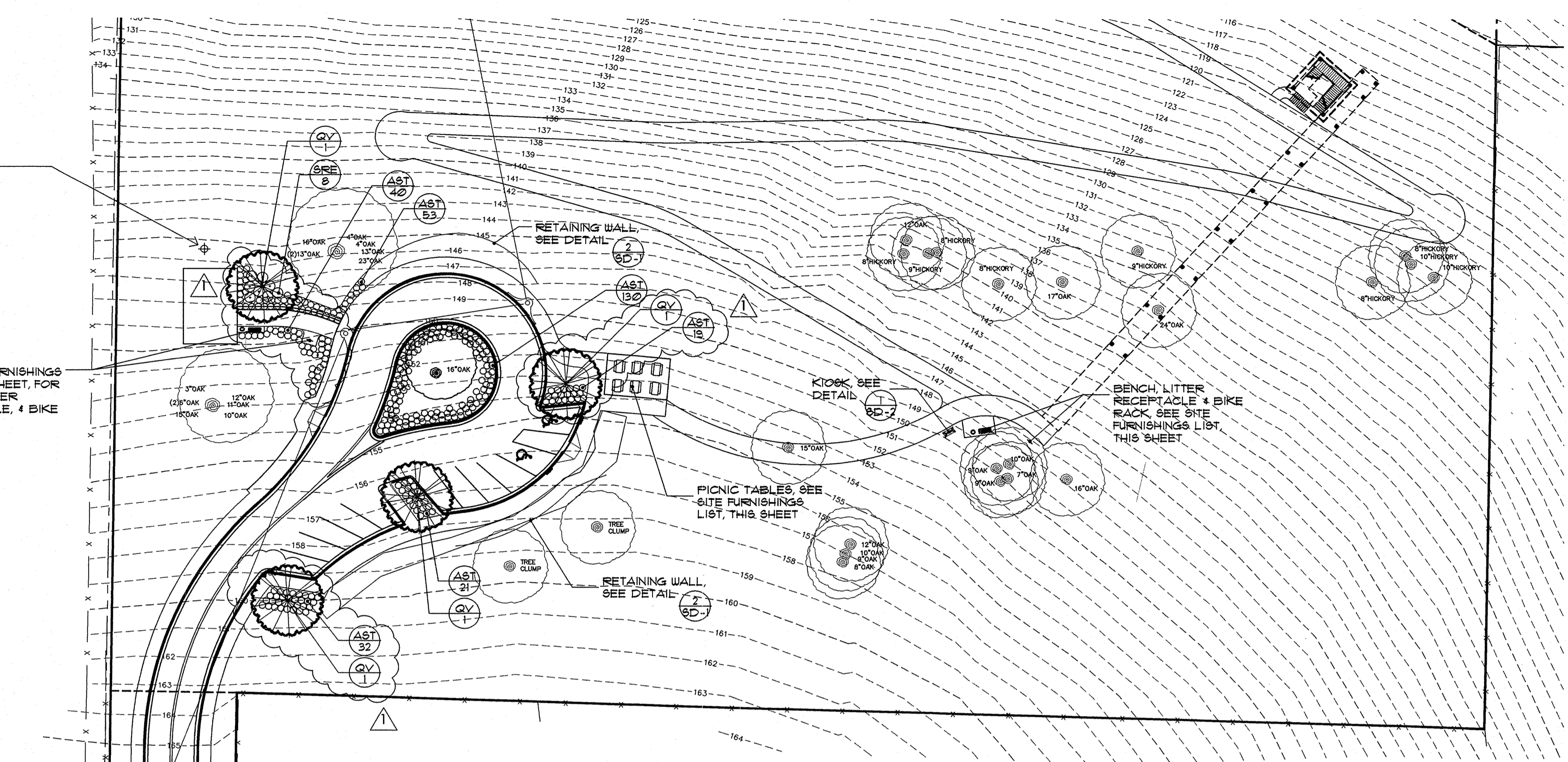
Provide 660 linear feet of 1" PVC.

Final location of water line and quick couplers to be determined in the field.

SOD

CONTRACTOR TO PROVIDE BAHIA SOD FOR ALL DISTURBED AREAS WITHIN THE CONSTRUCTION LIMIT, SEE SHEET G-5 FOR LIMITS OF CONSTRUCTION.

SEE SITE FURNISHINGS LIST, THIS SHEET, FOR BENCH, LITTER RECEPTACLE, & BIKE RACK



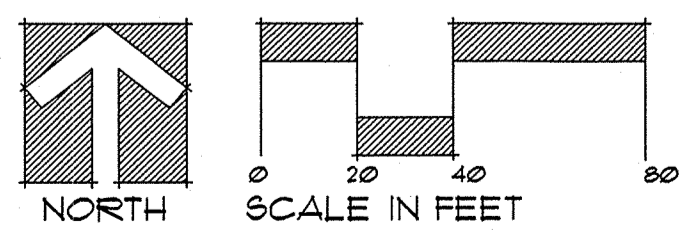
PLANT LIST							WATER ZONE	NATIVE
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS		
TREES & PALMS								
QV	9	Quercus virginiana	Live Oak	12' Ht. x 6' Spnd.	A.S.	3" Cal., 6' C.T., Full Canopy	M, L	Y
SHRUBS & GROUND COVERS								
AST	315	Aristida stricta	Wiregrass	8'-10' x 8'-10'	36" O.C.	1 Gallon, Full	M, L	Y
SRE	8	Serenoa repens	Saw Palmetto	12'-15' x 12'-15'	5' O.C.	3 Gallon, Full to base	L	Y

INTERNAL LANDSCAPING			
Parking Islands			
Canopy	Required	2	Provided
Hedge-2' Ht.	Single Row	Yes	
Building Perimeter Landscaping			
TI L.F. x 0.4 = 29 L.F./100 = 0.29			
Canopy	Required	1	Provided
Shrubs	8		8

NOTE:
 ALL SLOPES 1:3 AND GREATER SHALL BE STABILIZED BY A COCONUT FIBER EROSION CONTROL BLANKET INSTALLED AND PINNED PER MANUFACTURERS RECOMMENDATION.

THE EROSION CONTROL BLANKET SHALL BE 100% MATTRESS GRADE COIR MATRIX, MECHANICALLY BONED BETWEEN TWO LAYERS OF HEAVY DUTY UV STABILIZED NETTING AND SHALL LAST A MINIMUM OF 36 MONTHS.

REFER TO ENGINEERING PLANS FOR SLOPE RATIOS.



SITE FURNISHINGS LIST							
ITEM NO.	SYMBOL	QTY.	MANUFACTURER	MODEL #	OPTION	METAL COLOR/ FINISH	
121 10 1	BENCH	2	KEYSTONE RIDGE DESIGNS	I-800-284-8288	SCHENLEY	12" LENGTH SLATED SURFACE MOUNT	BRONZE POWDERCOAT
			LANDSCAPEFORMS		FLANMELL	12" LENGTH ALUMINUM BEAT SURFACE MOUNT	BRONZE POWDERCOAT
			GAP ARCHITECTURAL PRODUCTS	401-645-2854		12" LENGTH SURFACE MOUNT	BRONZE POWDERCOAT
			VICTOR STANLEY SITE HORIZONS	401-641-0241	PHB-304	12" LENGTH SURFACE MOUNT	BRONZE POWDERCOAT
OR APPROVED EQUAL.							
121 14 1	LITTER RECEPTACLE	2	KEYSTONE RIDGE DESIGNS	I-800-284-8288	MT3E-32	32 GALLON W/ ELEVATED LID SURFACE MOUNT	BRONZE POWDERCOAT
			LANDSCAPEFORMS		FLANMELL	32 GALLON W/ SIDE-OPENING LID SURFACE MOUNT	BRONZE POWDERCOAT
			GAP ARCHITECTURAL PRODUCTS	401-645-2854		32 GALLON W/ RAIN BONNET LID SURFACE MOUNT	BRONZE POWDERCOAT
			VICTOR STANLEY SITE HORIZONS	401-641-0241	NSDC-36	32 GALLON W/ RAIN BONNET LID SURFACE MOUNT	BRONZE POWDERCOAT
OR APPROVED EQUAL.							
121 11	BIKE RACK	2	KEYSTONE RIDGE DESIGNS	I-800-284-8288	SMS-5	SONANCE 5 LOOP BIKE RACK IN-GROUND MOUNT	BRONZE POWDERCOAT
			FAIR WEATHER SITE FURNISHINGS	I-800-333-1788	BR-15	IN-GROUND MOUNT	MINERAL BRONZE POWDERCOAT
			PLADRAK	I-800-448-1381	H36-5-15-P	HEAVY DUTY CHALLENGER IN-GROUND MOUNT	BRONZE POWDERCOAT
			OR APPROVED EQUAL.				
121 15 1	PICNIC TABLE	6	KEYSTONE RIDGE DESIGNS	I-800-284-8288	BREAKWATER	5' TABLE SLATED SURFACE MOUNT	BRONZE POWDERCOAT
			LANDSCAPEFORMS		GRETCHEN	6' TABLE POLYBITE SURFACE MOUNT	BRONZE POWDERCOAT
			GAP ARCHITECTURAL PRODUCTS	401-645-2854		6' TABLE SURFACE MOUNT	BRONZE POWDERCOAT
			VICTOR STANLEY SITE HORIZONS	401-641-0241	GREENBITER	6' TABLE RECYCLED PLASTIC SURFACE MOUNT	BRONZE POWDERCOAT
OR APPROVED EQUAL.							

LAKE COUNTY BUILDING DIVISION
 Any errors or omissions in these plans shall be made to conform with the applicable code requirements per Florida Building Code section 105.4.1. Plans were reviewed for code compliance and shall be kept on job site.

MIRIAM 3/22/13

RECEIVED APR 8 2013